

AWARD/CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING DO-A7	PAGE OF PAGES 1 62		
2. CONTRACT (Proc. Inst. Ident.) NO. N00164-17-D-JT09		3. EFFECTIVE DATE 20 Dec 2016		4. REQUISITION/PURCHASE REQUEST/PROJECT NO.			
5. ISSUED BY CODE N00164 NAVAL SURFACE WARFARE CENTER CRANE DIV (b)(6) BLG (b)(6) 300 HIGHWAY 361 CRANE IN 47522-5001		6. ADMINISTERED BY (If other than Item 5) CODE S2404A DCMA MANASSAS 14501 GEORGE CARTER WAY (b)(6) CHANTILLY VA 20151		SCD: B			
7. NAME AND ADDRESS OF CONTRACTOR (No., street, city, county, state and zip code) AZURE SUMMIT TECHNOLOGY, INC. (b)(6) 3050 CHAIN BRIDGE RD STE 170 FAIRFAX VA 22030-2834				8. DELIVERY [] FOB ORIGIN [X] OTHER (See below)			
				9. DISCOUNT FOR PROMPT PAYMENT Net 30 Days			
				10. SUBMIT INVOICES 0 (4 copies unless otherwise specified) TO THE ADDRESS SHOWN IN: Section G			
CODE 4WAE2		FACILITY CODE					
11. SHIP TO/MARK FOR CODE See Schedule		12. PAYMENT WILL BE MADE BY CODE HQ0338 DFAS - COLUMBUS CENTER SOUTH ENTITLEMENT OPERATIONS P.O. BOX 182317 COLUMBUS OH 43218-2264					
13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION: [X] 10 U.S.C. 2304(c)(5) [] 41 U.S.C. 253(c)()		14. ACCOUNTING AND APPROPRIATION DATA					
15A. ITEM NO.	15B. SUPPLIES/ SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT		
SEE SCHEDULE							
15G. TOTAL AMOUNT OF CONTRACT \$48,454,343.00 EST							
16. TABLE OF CONTENTS							
(X)	SEC.	DESCRIPTION	PAGE(S)	(X)	SEC.	DESCRIPTION	PAGE(S)
PART I - THE SCHEDULE				PART II - CONTRACT CLAUSES			
X	A	SOLICITATION/ CONTRACT FORM	1	X	I	CONTRACT CLAUSES	39 - 61
X	B	SUPPLIES OR SERVICES AND PRICES/ COSTS	2 - 13	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACH.			
X	C	DESCRIPTION/ SPECS./ WORK STATEMENT	14 - 22	X	J	LIST OF ATTACHMENTS	62
X	D	PACKAGING AND MARKING	23 - 25	PART IV - REPRESENTATIONS AND INSTRUCTIONS			
X	E	INSPECTION AND ACCEPTANCE	26 - 28	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS		
X	F	DELIVERIES OR PERFORMANCE	29				
X	G	CONTRACT ADMINISTRATION DATA	30 - 34	L	INSTRS., CONDS., AND NOTICES TO OFFERORS		
X	H	SPECIAL CONTRACT REQUIREMENTS	35 - 38	M	EVALUATION FACTORS FOR AWARD		
CONTRACTING OFFICER WILL COMPLETE ITEM 17 (SEALED-BID OR NEGOTIATED PROCUREMENT) OR 18 (SEALED-BID PROCUREMENT) AS APPLICABLE							
17. [X] CONTRACTOR'S NEGOTIATED AGREEMENT Contractor is required to sign this document and return 1 copies to issuing office. Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)				18. [] SEALED-BID AWARD (Contractor is not required to sign this document.) Your bid on Solicitation Number N00164-16-R-JT09 including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the terms listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your bid, and (b) this award/contract. No further contractual document is necessary. (Block 18 should be checked only when awarding a sealed-bid contract.)			
19A. NAME AND TITLE OF SIGNER (Type or print)				20A. NAME OF CONTRACTING OFFICER (b)(6) / CONTRACTING OFFICER TEL: (b)(6) EMAIL: (b)(6)			
19B. NAME OF CONTRACTOR BY _____ (Signature of person authorized to sign)		19C. DATE SIGNED		20B. UNITED STATES OF AMERICA (b)(6) BY _____ (Signature of Contracting Officer)		20C. DATE SIGNED 20-Dec-2016	

Section B - Supplies or Services and Prices

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0001	Production of the SRA and sub-assemblies as defined paragraph 1.1 of the SOW herein Section C and IAW the CDRLs in Section J herein. Prices are defined in the price matrices below. FSC/PSC: 5999 FOB: Destination FFP	(b)(6)	Each	(b)(6)	\$0.00

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0002	Repair of the SRA and sub-assemblies as defined in the SOW herein Section C and IAW the CDRLs herein Section J. FSC/PSC: 5999 FOB: Destination FFP	(b)(6)	Each	(b)(6)	\$0.00

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0003	Engineering/Technical Support in accordance with the SOW in Section C herein. Firm-fixed price engineering/technical support will be as required/negotiated for definitive support requirements. FSC/PSC: R425 FOB: Destination FFP	(b)(4)	Lot	(b)(4)	\$0.00

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0004	Engineering/Technical Support in accordance with the SOW in Section C herein. CPFF engineering/technical support will be as required/negotiated for support requirements that are not definitive. FSC/PSC: R425 CPFF FOB: Destination				
				Total Estimated Maximum Costs	UNDEFINED
				Total Fixed Fee	UNDEFINED
				Total Estimated Maximum Costs Plus Fixed Fee	\$0.00

ITEM NO	SUPPLIES/SERVICES	MAX QTY	UNIT	UNIT PRICE	MAX AMOUNT
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0005	Other Direct Cost			UNDEFINED	\$0.00
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To include travel and incidental material in support of Engineering/Technical Support as required by the SOW for each individual delivery/task order IAW Joint Travel Regulations.

COST	ESTIMATED COST	UNDEFINED
FSC/PSC: R425		
FOB: Destination		

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0006	Data for CLIN(s) 0001 thru 0005 in accordance with the SOW, CDRL(s) A001 - A009 in Section J, and applicable DID(s). The price/costs for all technical data generated by the contractor directly or indirectly in its performance of this procurement effort is included in the price/costs paid by the Government under CLIN(s) 0001 thru 0005. Not Separately Priced. FSC/PSC: 5999 FOB: Destination FFP)(Lot		NSP

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0007	Contract Ceiling For the government's usage only.	1	Each	\$48,454,343.00	\$48,454,343.00 EST
	FSC/PSC: 5999 FOB: Destination FFP				

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CNIN-B-0005 ORDERING -- ADDITIONAL INFORMATION (JAN 2013)

The agency authorized to place delivery orders against this contract is:

Naval Surface Warfare Center, Crane Division (NSWC Crane) – N00164
300 Hwy 361
Crane, IN 47522-5001.

Orders shall be placed against this contract using a DD 1155 or SF 1449 format.

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CNIN-NOTICE-0001 SECTION B NOTES (JUL 2015)

1. Data Item Descriptions (DIDS) referenced in the attached Contract Data Requirements List(s) (CDRLs) are available at the following website: <http://www.assistdocs.com>
2. The contractor's warranty is attached hereto as Attachment (1) in Section J.
3. As required by FAR 52.232-32 in Section I herein, the contractor shall make the following certification in each request for performance-based payments:

(m) Content of Contractor's certification. As required in paragraph (l)(5) of this clause, the Contractor shall make the following certification in each request for performance-based payment:

I certify to the best of my knowledge and belief that --

(1) This request for performance-based payment is true and correct; this request (and attachments) has been prepared from the books and records of the Contractor, in accordance with the contract and the instructions of the Contracting Officer;

(2) (Except as reported in writing on _____), all payments to subcontractors and suppliers under this contract

have been paid, or will be paid, currently, when due in the ordinary course of business;

(3) There are no encumbrances (except as reported in writing on _____) against the property acquired or produced for, and allocated or properly chargeable to, the contract which would affect or impair the Government's title;

(4) There has been no materially adverse change in the financial condition of the Contractor since the submission by the Contractor to the Government of the most recent written information dated _____; and

(5) After the making of this requested performance-based payment, the amount of all payments for each deliverable item for which performance-based payments have been requested will not exceed any limitation in the contract, and the amount of all payments under the contract will not exceed any limitation in the contract.

4. **Initial inspection** will be required at the contractor's facility in Melbourne, FL. DCMA will be required to develop the inspection criteria based on the contractor's manufacture process and procedures to ensure the manufacture is upholding the quality standards stated in the certificate of conformance which is required for each new SRA build (CLIN 0001) of the contract. DCMA may witness tests as DCMA requires in order to ensure quality is maintained.
5. **Performance Based Payment (PBP)** event verification is hereby delegated to the ACO. During contract performance, the ACO shall verify successful completion of the events, and request payment from the Defense Finance and Accounting Service (DFAS) Columbus.
6. Clause CNIN-NOTICE-0003 in Section C is applicable to CLIN 0004.
7. FAR clause 52.215-2(b) is applicable to CLINs 0004 & 0005.

CNIN-NOTICE-0002 NSW CRANE GENERAL PROCUREMENT INFORMATION (FEB 2016)

1. NSW CRANE VISITOR INFORMATION: PORTABLE ELECTRONIC DEVICE POLICY

NSWC Crane has implemented full compliance with the NAVSEA Access and Movement Control Instruction 5510.2C, dated 25 February 2014, which restricts the use of portable electronic devices (PEDs) in all NAVSEA spaces. In accordance with NSWC Crane Policy Letter 14-02 dated 20 March 2014, all Government civilian, military and contractor personnel assigned to NSWC Crane and all visitors are prohibited from bringing any device or equipment capable of recording, transmitting or exporting photographic images or audible information of any kind into NSWC Crane spaces. This policy prohibits all personal electronic devices other than personal cell phones. For the purpose of this policy, "spaces" include outdoor ranges and test areas. NSWC Crane areas will be clearly marked. Prohibited devices include: MP3 players, e-readers, digital recording devices, laptop and tablet computers, and/or other electronic devices not provided by the Government or specifically authorized. One-way pagers are allowed for fire, safety and security purposes. These devices can be used in non-NSWC Crane areas.

2. RAPIDGate NSA/NSWC CRANE INSTALLATION ACCESS

NSA/NSWC Crane is implementing the Navy Commercial Access Control System (NCACS) projects. The NCACS is the standard identity management and perimeter installation access control solution for the access management of vendors, contractors, suppliers and service providers who are not authorized a Common Access Card (CAC). The rationale for implementation of this system is to increase security while reducing impacts to the contractor community by improving efficiencies for base entry.

A new protocol being implemented to fulfill this NCACS requirement is the RAPIDGate system. The system meets Presidential Directive (HSPD-12) requirements by providing background checks of contractor personnel. A personal badge that affords base access (and/or multiple base access) for one year will be issued to each Contractor employee that meets background check criteria. While Contractors are not required to participate in this program, those Contractors who choose not to participate will be required to obtain daily passes for base access.

For contracts which include the FAR 52.204-9 Personal Identity Verification of Contractor Personnel or will otherwise require frequent access to the Naval Support Activity (NSA)/NSWC Crane site, contractors should consider taking advantage of the benefits available from the RAPIDGate program. A Government Sponsor is required to validate a Contractor's request for RAPIDGate access, and shall be the Contracting Officer's Representative (COR). If there is no COR, then the Government Sponsor is the Contracting Officer.

The Government does not guarantee the contractor's successful enrollment or the successful enrollment of any contractor employees in the RAPIDGate program. Significant delays may result from choosing to access the installation by obtaining a one day pass. The Government will not be held responsible for any access delays associated with using the daily pass process. Please address any questions or concerns regarding RAPIDGate to the COR or the local Base Security Office personnel listed below.

NSA/NSWC Crane RAPIDGate Primary Program Point of Contact is Jon Thomas, and can be reached at (b)(6) or at (b)(6).

Additional information is available at <http://www.rapidgate.com/rapidgate>

3. TAX EXEMPTION

Section 39(A) and Section 6 of the Indiana Gross Income Tax Act of 1933, specifically exempts NSWC Crane Division as a government activity from any payment of sales and use taxes. The assigned Exemption Number is 0018103400015

4. BUSINESS HOURS

NSWC Crane Division allows flexible working hours for its employees. The core time when all employees are scheduled to work is 9:00 am to 2:30 pm (local time).

5. NSWC CRANE RECEIVING FACILITY SCHEDULE

Contractors shall schedule deliveries to ensure arrival at destination only on Monday through Friday (excluding holidays) between the hours of 7:00 A.M. and 2:00 P.M. Eastern Standard Time (EST). The receiving facility is closed on Saturdays and Sundays.

Contractors shall ensure deliveries of **EXPLOSIVE MATERIALS** arrive at destination only on Monday through Thursday (excluding holidays) between the hours of 7:00 A.M. and 2:00 P.M. EST. The receiving facility for explosives is closed on Fridays, Saturdays and Sundays.

6. HANDLING OF INFORMATION BY CONTRACTOR SUPPORT PERSONNEL

Contractors are hereby notified that contractor support personnel within the NSWC Crane Contracting Department may be handling Bid and Proposal or Quote data as well as other correspondence and documentation concerning this action. Non-disclosure statements have been executed by all contractor support personnel participating in the process and are maintained by NSWC Crane.

Contractor may be permitted to utilize a compressed work schedule for their employees working at NSWC Crane Division if specified on the individual contract/order/ or task instruction. A compressed work schedule allows a starting time between the hours of 0600 and 0830 for eight of the ten workdays (nine hours per day) with a stopping time between the hours of 1530 and 1800, and between 0630 and 0900 for one of the ten workdays (eight-hour day) with a stopping time between the hours of 1500 and 1730. The contractor's full-time employees shall adhere to the same number of hours each day for eight of the ten workdays (nine hours per day) during a biweekly pay period and for one eight-hour day during the same biweekly pay period. The contractor's full-time employee is required to work 80 hours in a biweekly pay period and this work must be scheduled for fewer than 10 days in a biweekly pay period. In some cases, a contractor employee may be required to remain on a non-compressed work schedule or to adjust contractor employee work hours (arrival and departure time) to accommodate the requirements of the organization that they support. The contractor may be required to respond to an emergency requirement and work outside of regular working hours to perform the work. Exceptions to the compressed schedule may exist and the contractor will be notified by the COR of any permanent or temporary exceptions.

Flextime

The Contractor may be permitted to utilize a Flextime schedule for their employees working at NSWC Crane Division if specified on individual contract/order/ or task instruction. A Flextime schedule allows a starting time between the hours of 0630 and 0900, with a quitting time eight and one-half hours after the clock-in time (1500 to 1730). The contractor may be required to respond to an emergency requirement and work outside of regular working hours to perform the work. Exceptions to the Flextime schedule may exist, and the contractor will be notified by the COR of any permanent or temporary exceptions.

Closed Days

All closed days will be designated by the Commander, NSWC Crane Division. Closed days will be associated with holidays, National Security, and/or inclement weather/dangerous conditions. The Contractor will not be allowed to work on NSWC Crane Division during designated closed days, unless they are deemed to be essential personnel. Essential personnel will be identified by the Government, and communicated to the contractor prior to the designated closed day, and will be authorized by the COR/Contracting Officer and specified on individual contract/order/ or task instruction. In the event the Contractor is prevented from performance as the result of an Executive Order or an administrative leave determination applying to the using activity, such time may be charged to leave or indirect charges IAW the company policy.

Inclement Weather

When the Government Agency is closed by the Commander because of inclement weather conditions and/or dangerous conditions, notification of the closing will be broadcast over local radio and television stations.

Holidays

A list of Government Agency observed holidays and/or closed days in conjunction with holidays will be published at the beginning of each calendar year. Contractor employees will not be allowed to work on Government property on a holiday and/or closed day unless they are deemed to be essential personnel. The contractor is advised that access to the Government installation may be restricted on these holidays:

New Year's Day	Birthday of Martin Luther King, Jr.
President's Day	Memorial Day
Independence Day	Labor Day
Columbus Day	Veteran's Day
Thanksgiving Day	Christmas Day

In the event any of the above holidays occur on a Saturday or a Sunday, then such holiday shall be observed by the Contractor IAW the practice as observed by the assigned Government employees at the using activity.

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HQ B-2-0004 EXPEDITING CONTRACT CLOSEOUT (NAVSEA) (DEC 1995)

(a) As part of the negotiated fixed price or total estimated amount of this contract, both the Government and the Contractor have agreed to waive any entitlement that otherwise might accrue to either party in any residual dollar amount of \$500 or less at the time of final contract closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to either party at the end of the contract, except that, amounts connected in any way with taxation, allegations of fraud and/or antitrust violations shall be excluded. For purposes of determining residual dollar amounts, offsets of money owed by one party against money that would otherwise be paid by that party may be considered to the extent permitted by law.

(b) This agreement to waive entitlement to residual dollar amounts has been considered by both parties. It is agreed that the administrative costs for either party associated with collecting such small dollar amounts could exceed the amount to be recovered.

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HQ B-2-0015 PAYMENTS OF FEE(S) (LEVEL OF EFFORT) (NAVSEA) (MAY 1993)

(a) For purposes of this contract, "fee" means "target fee" in cost-plus-incentive-fee type contracts, "base fee" in cost-plus-award-fee type contracts, or "fixed fee" in cost-plus-fixed-fee type contracts for level of effort type contracts.

(b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be equal to TBD percent (TBD%) of the allowable cost of each invoice submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable (percentage of fee is based on fee dollars divided by estimated cost dollars, including facilities capital cost of money) Total fee(s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract.

(c) The fee(s) specified in SECTION B, and payment thereof, is subject to adjustment pursuant to paragraph (g) of the special contract requirement entitled "LEVEL OF EFFORT." If the fee(s) is reduced and the reduced fee(s) is less than the sum of all fee payments made to the Contractor under this contract, the Contractor shall repay the excess amount to the Government. If the final adjusted fee exceeds all fee payments made to the contractor under this contract, the Contractor shall be paid the additional amount, subject to the availability of funds. In no event shall the Government be required to pay the Contractor any amount in excess of the funds obligated under this contract at the time of the discontinuance of work.

(d) Fee(s) withheld pursuant to the terms and conditions of this contract shall not be paid until the contract has been modified to reduce the fee(s) in accordance with the "LEVEL OF EFFORT" special contract requirement, or until the Procuring Contracting Officer has advised the paying office in writing that no fee adjustment is required.

Fee will be determined in each DO/TO as required.

HQ B-2-0020 TRAVEL COSTS – ALTERNATE I (NAVSEA) (APR 2015)

(a) Except as otherwise provided herein, the Contractor shall be reimbursed for its actual travel costs in accordance with FAR 31.205-46. The costs to be reimbursed shall be those costs determined to be allowable, allocable and reasonable by the Procuring Contracting Officer, Administrative Contracting Officer or their duly authorized representative, as advised by DCAA.

(b) Reimbursable travel costs include only that travel performed from the Contractor's facility to the worksite, in and around the worksite, and from the worksite to the Contractor's facility.

(c) Relocation costs and travel costs incidental to relocation are allowable to the extent provided in FAR 31.205-35; however, Contracting Officer approval shall be required prior to incurring relocation expenses and travel costs incidental to relocation.

(d) The Contractor shall not be reimbursed for the following daily local travel costs:

- (i) travel at U.S. Military Installations where Government transportation is available,
- (ii) travel performed for personal convenience/errands, including commuting to and from work, and
- (iii) travel costs incurred in the replacement of personnel when such replacement is accomplished for the Contractor's or employee's convenience.

HQ-B-2-0014 PAYMENTS OF FEE(S) (COMPLETION) (NAVSEA) (MAY 1993)

(a) For purposes of this contract, "fee" means "target fee" in cost-plus-incentive-fee type contracts, "base fee" in cost-plus-award-fee type contracts, "fixed fee" in cost-plus-fixed-fee type contracts for completion and phase type contracts.

(b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be equal **TBD** percent (**TBD**%) of the allowable cost of each invoice submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable (percentage of fee is based on fee dollars divided by estimated cost dollars, including facilities capital cost of money). Total fee(s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract.

(c) In the event of discontinuance of the work under this contract, or any specified phase of the contract, in accordance with the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232-22) or "LIMITATION OF COST" (FAR 52.232-20), as applicable, the fee shall be equitably adjusted by mutual agreement to reflect the diminution of work. If the adjusted fee is less than the sum of all fee payments made to the Contractor under this contract, the Contractor shall repay the excess amount to the Government. If the adjusted fee exceeds all payments made to the Contractor under this contract, the Contractor shall be paid the additional amount, subject to the availability of funds. In no event shall the Government be required to pay the Contractor any amount in excess of the funds obligated under this contract at the time of the discontinuance of work.

(d) Fee(s) withheld pursuant to the terms and conditions of this contract shall not be paid until the contract has been modified to reduce the fee(s) in accordance with paragraph (c) above, or until the Procuring Contracting Officer has advised the paying office in writing that no fee adjustment is required.

NOTE: Percentage of fee is based on fee dollars divided by estimated cost dollars, including facilities capital cost of money.

Fee will be determined in each DO/TO as required.

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HQ B-2-0023 CONTRACT SUMMARY FOR PAYMENT OFFICE (COST AND FIXED PRICE TYPE)(FEB 1997)

This contract includes the possibility of both cost and firm-fixed price orders.

<u>Item</u>	<u>Type*</u>
0001	FFP
0002	FFP
0003	FFP
0004	CPFF
0005	Cost
0006	NSP (Not Separately Priced)

SRA PRICE MATRICES

SRA Price Matrices

Digital Signal Processor / 16x12 Switch Matrix					
P/N AZ-1612-1M-6G-6UVPX					
Quantity	CY2016	CY2017	CY2018	CY2019	CY2020
Break	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
1					
2					
3					
4					
5 to 6					
7 to 9					
10 to 18					
19 to 33					
34 to 54					
55+					
Digital Tuner Module / 500MHz Module					
P/N AZ-RX1-500					
Quantity	CY2016	CY2017	CY2018	CY2019	CY2020
Break	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
1 to 4					
5 to 9					
10 to 24					
25 to 49					
50 to 99					
100+					
Signal Processor / Motherboard					
P/N AZ-6VPX-SPC1					
Quantity	CY2016	CY2017	CY2018	CY2019	CY2020
Break	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
1 to 6					
7 to 9					
10 to 15					
16 to 24					
25 to 41					
42 to 79					
80 to 99					
100+					

Tuner Module / RX Module					
P/N AZ-RX1-208					
Quantity Break	CY2016 Unit Price	CY2017 Unit Price	CY2018 Unit Price	CY2019 Unit Price	CY2020 Unit Price
2* to 3					
4 to 9					
10 to 17					

**The minimum quantity of this item that may be purchased on a single order is 2.*

Section C - Descriptions and Specifications

STATEMENT OF WORK**Statement of Work****1. Scope**

This Statement of Work (SOW) sets forth the requirements to accomplish contractor support through all program phases of the Common Chassis AN/ZLQ-1 V2 derivative Shop Replaceable Assemblies (SRA) and sub-assemblies in support of the Maritime Patrol and Reconnaissance Aircraft (MPRA) PMA-290, Persistent Maritime Unmanned Aircraft Systems (PMUAS) PMA-262, Submarine Sensor Systems Program (PMS-435) and Naval Undersea Warfare Center (NUWC). The MPRA & PMUAS programs provide the warfighter with the latest state-of-the-art Special Missions Equipment (SME) which includes the Weapons System identified in this SOW. The weapon system has components and products in all phases of Acquisition, Technology and Logistics Life Cycle Phases.

Naval Undersea Warfare Center is the Navy's full-spectrum research, development, test and evaluation, engineering, and fleet support center for submarine warfare systems and many other systems associated with the undersea battlespace. NUWC provides the technical foundation that enables the conceptualization, research, development, fielding, modernization, and maintenance of systems that ensure our Navy's undersea superiority. NUWC is responsible, cradle to grave, for all aspects of systems under its charter, and is engaged in efforts ranging from participation in fundamental research to the support of evolving operational capabilities in the U.S. Navy fleet. The major thrust of NUWC activities is in applied research and system development. PMS 435 specifically works with NUWC but has the responsibilities of designing, developing and oversees the construction of Electronic Warfare systems. The MPRA, PMUAS, PMS 435, and NUWC Systems covered by this SOW includes the individual SRAs, Support Equipment, Special Tools and Tooling, Packaging and Handling equipment, Test Equipment and applicable system software/firmware. System Equipment designation is identified in paragraph 1.1. Efforts will include but not limited to Repair/Rework/and Maintenance, Engineering Support Services, Research and Development, Test and Evaluation, Redesign and Modification, Training, Data collection, Logistics Support Services and Travel as required. This SOW provides the umbrella guidance for support of MPRA, PMUAS, PMS 435, and NUWC Systems and additional detailed guidance will be provided and implemented by specific Delivery Orders (DOs) placed under the Indefinite Delivery Indefinite Quantity (IDIQ) contract.

1.1 Equipment Designation

The configuration of the SRAs with components designated by Part Number for procurement, analysis, test, repair, and acceptance are as follows:

PART NUMBER	PART DESCRIPTION
AZ-6VPX-SPC1	Motherboard
AZ-RX1-208	Rx Module
AZ-RX1-500	500Mhz Module
AZ-1612-1M-6G-6UVPX	16x12 Switch
And configurations thereof.	

2.0 Applicable Documents

The following documents form a part of this SOW to the extent specified herein. In the event of a conflict between any of the referenced documents and this SOW, the content of the SOW is the superseding requirement. Nothing in this document supersedes applicable Federal, State or Local laws and regulations unless a specific exemption has been obtained.

2.1 Military Standards

SAE-EIA-649 Configuration Management Standard

2.2 Other Documents

ISO 9000, Quality Management and Quality Assurance Standards

3.0 Requirements

As a basic requirement of the contract, the contractor shall document all efforts and progress in all areas of products/support and report in accordance with Contract Data Requirements List (CDRL) delineated on each individual DO/Task Order (TO) as required.

The Contractor shall provide the requisite MPRA, PMUAS, PMS 435, and NUWC Systems expertise, labor, material, equipment, resources and facilities to design, develop, fabricate, prototype, produce, test, modify, repair, support and maintain MPRA, PMUAS, PMS 435, and NUWC Sensor System products and support components. Each individual DO/TO will define requirements/tasking as required. For certain WRAs that undergo redesign or modification/development, the phase may include the incorporation of new technologies and capabilities into the MPRA, PMUAS, PMS 435, and NUWC Systems product hardware and/or software. The contractor shall provide the engineering and logistics services, labor, material, equipment and facilities to perform assigned tasks and shall include efforts to increase producibility, maintainability, reliability, testability, increase safety and decrease cost as required by each DO/TO. The following sections outline the requirements for these efforts:

3.1 Repair of Repairable (ROR)/Rework Components

Repair of the SRAs and sub-assemblies will be negotiated until sufficient repair history becomes available to establish firm-fixed repair prices. CDRL A001, Contractor's Progress Status Management Report, CDRL A002, Government Furnished Equipment - Repair Status Report, CDRL A003, Test/Inspection Report – Test Data Sheets, and CDRL A004, Data Accession List (DAL) shall be submitted in accordance with the attached as required by each DO.

3.2 DESIGN CHANGES

If a Government-approved design change occurs, which originates from any authorized approving agency other than NSWSC Crane Division, the contractor shall take the following action:

- (1) Incorporate such approved design changes, if such change is determined necessary, in articles undergoing repair and/or modifications on order, if such change is considered necessary to ensure that the SRA will be compatible with, and provide adequate logistical support for, the operational system.
- (2) If the design change has been classified Major IAW SAE-EIA-649, notify NSWSC Crane Division Procuring Contracting Officer (PCO), within five (5) working days from receipt of such change of:
 - (i) The change approval authority and change classification. (Ensure that only the document that provides Government approval of design change is identified.)
 - (ii) The approving agency.
 - (iii) The part number of the new configuration.
 - (iv) The extent of the contractor's ability to modify a previous configuration to a new configuration.
 - (v) Recommendation for implementation of the design change in any repairable assemblies held at the contractor's plant.
 - (vi) Preliminary estimated change in repair/spare prices, if any, to incorporate the modification. A formal cost proposal to the PCO shall follow within thirty (30) days. The proposal shall detail the cost impact to all spare and repair pricing affected by the change. CDRL A004, Data Accession List shall be submitted in accordance with the attached.
- (3) If the design change has been classified Minor IAW SAE-EIA-649, notify NSWSC Crane Division, within five (5) working days from receipt of such change of:

- (i) The change approval authority and change classification. (Ensure that only the document that provides Government approval of design change is identified.) CDRL A004, Data Accession List shall be submitted in accordance with the attached.
- (ii) The approving agency.
- (iii) The part number of the new configuration or identification of new part, as applicable.
- (iv) Effect of design change on the current spare repairable assembly inventory such as obsolescence and recommended buy quantity of a new part.

3.3 ENGINEERING SERVICES AND LOGISTICS SUPPORT

The contractor shall provide engineering services and logistics support including but not limited to research and development, testing, training, integration, checkout, troubleshooting, installation of modifications to the SRAs including incorporation of hardware, software and firmware changes, other technical and logistics services, and MPRA, PMUAS, PMS 435, and NUWC System installation and maintenance support. This support may be necessary at either the vendor location, at another contractor location, at a fleet operational or other government site, or any combination of these. In the event MPRA, PMUAS, PMS 435, and NUWC System on-site (not contractor home location) support is required, the contractor shall provide appropriately cleared and qualified Field Service Representative (FSR) personnel for maintenance of the MPRA, PMUAS, PMS 435, and NUWC Sensor System at Continental United States (CONUS). The site FSRs shall be fully qualified engineers or technicians capable of independently performing all required tasks and providing logistics support appropriate to the defined Operational Tempo (OPTEMPO) at each site. A DO shall be issued to define engineering and logistics requirements. Engineering, logistics, and technical support services may be required at but not limited to the Contractor's facility, NSWC Crane, IN; NAWC Patuxent River, MD; NAS Jacksonville, FL. A DO shall be issued by the PCO on a task-by-task basis to define individual engineering, logistics and technical services requirements when needed. CDRL A001, Contractor's Progress Status Management Report, CDRL A004, Data Accession List, and CDRL 0005, Technical Report – Logistics/Engineering Service Report shall be submitted in accordance with the attached.

3.3.1 PARTS OBSOLESCENCE MANAGEMENT

Parts obsolescence shall be managed such that any part known by the Contractor to be in danger of becoming obsolete (based on vendor 'last time buy' or 'end of life' announcements) shall be identified to the COR with its related impacts and options (including recommended quantity to purchase as part of a last time buy). The COR will then make a determination as to whether or not to pursue a last time buy to place parts in inventory for potential future use, initiate a redesign effort, or accept the risk associated with that part potentially becoming unavailable. CDRL A005 Technical Report Logistics/Engineering Services shall be submitted in accordance with the attached.

3.4 SYSTEM TRAINING SUPPORT

The contractor shall develop and present the technical training for MPRA, PMUAS, PMS 435, and NUWC System operators, maintainers and technicians. Operators, maintainers and technicians attending the training may include but will not be limited to NSWC Crane and their support contractors, aircraft integrator, government program management and military personnel. Training may be conducted at the contractor facility, at a government facility or on aircraft at the aircraft location as defined by each DO/TO.

Training will consist of MPRA, PMUAS, PMS 435, and NUWC System specific instructional materials, course outlines, lesson guides, trainee guides, visual aids, and test packages, developed in a digital format where applicable, to "best commercial practice" to support operator and O-Level maintenance training. Training shall be based on inherent system (hardware and software) design. The training shall address all authorized and applicable configurations of the MPRA, PMUAS, PMS 435, and NUWC Systems. Operator training shall include, at a minimum and if applicable, system-level theory of operations, pre-flight, flight, post-flight, normal and emergency operational procedures, and all safety procedures related to the operation of the system. At a minimum O-level maintenance training will include equipment descriptions; controls and indicators for all equipment; theory of operation to the major subassembly block diagram level, interface, and system repair; BIT/BITE operation; fault detection and location procedures; and SRA removal and replacement instructions. Training Materials shall be submitted in accordance with CDRL A006.

3.5 PROGRAM STATUS REVIEW

The contractor may host specific Meetings and Reviews as deemed necessary by NSWC Crane. The program status reviews shall be held twice a year, specific dates for the reviews and the locations shall be agreed to by the contractor and Government. The contractor may record the minutes and action items at each meeting/review and provide to the Government if required by the applicable Job Order. The contractor shall provide CDRL A007, Conference Agenda and CDRL A008, Conference Minutes in accordance with the attached. The content of the review will vary, but could include the following:

- Repair Schedule and Status
- Manufacturing status
- Risk Management
- Configuration Issues
- Reliability Issues
- Technical Issues

3.6 Counterfeit Parts and Materiel

Counterfeit materiel is a serious threat to the safety and operational effectiveness of DoD systems. The Contractor (and subcontractors at all tiers) shall implement a risk mitigation process when obtaining critical or high risk materiel in accordance with paragraphs (a) and (b) below:

- (a) If the materiel is currently in production or currently available, the materiel shall be obtained only from authorized sources. Authorized sources are the original manufacturer, a source with the express written authority of the original manufacturer or current design activity, or an authorized aftermarket manufacturer.
- (b) If the materiel is not in production or currently available from authorized sources, the materiel shall be obtained from suppliers that meet appropriate counterfeit avoidance criteria. Counterfeit avoidance criteria can be found in the following Industry Standards - SAE AS5553A; SAE AS6462; SAE AS6081; SAE ARP6178; SAE AS6174A; and SAE AS6301.

Contractors shall notify the contracting officer when critical or high risk materiel cannot be obtained from an authorized source. The contractor shall take mitigating actions to authenticate the materiel if purchased from another source.

The contractor shall report instances of counterfeit and suspect counterfeit materiel to the Contracting Officer and the [Government-Industry Data Exchange Program](#) (GIDEP) as soon as the contractor becomes aware of the issue.

4.0 TRAVEL

It is anticipated that travel will be required by the contractor in support of the SOW as required. The following is the estimated travel requirements per year:

Destination	Number of Trips	Number of Days	Number of Travelers
NSWC Crane, IN	1	4	2
NAWC Patuxent River, MD	1	4	2
NAS Jacksonville, FL	1	4	2

A Contractor's Progress Status Management Report, CDRL A001 shall be submitted in accordance with the attached.

5.0 DATA

Other specific Data requirements will be referenced in each DO/TO. Unless specified on the CDRL, all submittals shall be electronic file submittals shall be compatible with Microsoft Office or the originating software program format. Files shall be complete working files (i.e. Excel cells contain active formulas) and shall not be locked or otherwise password protected. Documents submitted as changes shall clearly have the changes highlighted (i.e., track changes active in MS Word). Delivery dates falling on weekends or national holidays may be delivered on the next regular working day.

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CNIN-NOTICE-0003 CONTRACTOR MANPOWER REPORTING (NOV 2015)

“The contractor shall report contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Naval Surface Warfare Center, Crane Division via a secure data collection site. Contracted services excluded from reporting are based on Product Service Codes (PSCs). The excluded PSCs are:

- (1) W, Lease/Rental of Equipment;
- (2) X, Lease/Rental of Facilities;
- (3) Y, Construction of Structures and Facilities;
- (4) D, Automatic Data Processing and Telecommunications, IT and Telecom- Telecommunications Transmission (D304) and Internet (D322) ONLY;
- (5) S, Utilities ONLY;
- (6) V, Freight and Shipping ONLY.

The contractor is required to completely fill in all required data fields using the following web address
<https://doncmra.nmci.navy.mil>.

Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk, linked at <https://doncmra.nmci.navy.mil>.

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HQ-C-1-0001 ITEM(S)_____ - DATA REQUIREMENTS (NAVSEA) (SEP 1992)

The data to be furnished hereunder shall be prepared in accordance with the Contract Data Requirements List, DD Form 1423, Exhibit(s) __ , attached hereto.

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HQ C-2-0012 CONFIGURATION MANAGEMENT (NAVSEA) (APR 2015)

(a) Baseline Definition - For configuration control purposes, all contractual documentation in effect at the time of contract award shall constitute the Contract Baseline which shall be considered incorporated in the baseline documentation.

(b) General Requirement - (1) The Contractor shall maintain a Configuration Control Program to assure that all detail level work being performed under this contract is in compliance with appropriate baseline documentation. The Contractor shall prepare a Configuration Management Plan in accordance with the requirements of the contract for approval by the Government.

(2) Whenever a situation arises wherein the Contractor cannot comply with a baseline document, or whenever intent of such documentation is significantly changed by detail level documentation, the Contractor shall submit change documents to modify baseline documents to resolve the conflict or to allow non-compliance. Whenever the cost of implementing a proposed change is less than the threshold requiring certified cost or pricing data, the Contractor shall provide documentation explaining the nature of related costs as shown on the change document. Whenever the contract cost changes by an amount greater than the threshold requiring certified cost or pricing data, the Contractor shall complete such cost and pricing data as the Contracting Officer shall require detailing all related costs, and attach it to the change document. Requirements for cost and pricing data shall be determined by the gross amount of the change unless otherwise directed by the contracting officer. Change documentation shall be submitted to the Contracting Officer in accordance with the Contract Data Requirements List (CDRL), and as described in paragraphs (c) through (f) below.

(c) Engineering Change Proposals (ECPs) - ECPs shall be prepared in accordance with the approved configuration management plan and the requirements of the contract. DI-SESS-80639D approved 7 April 2015 and MIL-HDBK-61A of 7 Feb 2001 apply. An ECP should be submitted whenever the detail level physical configuration, material quality, operational or functional performance of equipment or installed systems will not be in compliance with baseline design-related documents (Specifications, Contract Drawings, etc.), and a change to the baseline document is considered an appropriate means of resolving a design-related issue. Documentation shall be developed in sufficient detail to enable Government review and evaluation of the merits of the proposed change, including cost and scheduling impact, ship class impact, and consequences if disapproved. All existing drawings and technical manuals impacted by the change shall be listed along with a brief narrative explanation of needed changes to incorporate the ECP if approved. Weight and moment data incidental to the change shall be provided. The Contractor shall also prepare applicable baseline document insert sheets, with specific word changes or proposed re-write, to facilitate baseline documentation changes.

(d) Non-Engineering Change Proposals (NECPs) - An NECP should be submitted whenever necessary to document administrative, procedural, scheduling, or documentation changes that do not directly impact the physical configuration of the equipment. The NECP shall explain the nature of the problem, identify the applicable baseline document (i.e., Contract Data Requirement List (CDRL), Contract Clause, etc.) and provide a detailed explanation justifying the proposed course of action desired to resolve the problem. Insert sheets for applicable documents shall also be attached to facilitate change action in the event the NECP is approved.

(e) Deviations and Waivers - In the event that a baseline design-related document requirement cannot be met, and a change to the baseline document is considered inappropriate, the Contractor shall submit a Request for Variance. DI-SESS-80640D approved 7 April 2015 and MIL-HDBK-61A of 7 Feb 2001 apply. The explanation of "need for deviation" should provide detailed justification and consequences of approval, to include technical details explaining the degree of non-compliance or effect on ship equipment or system operation constraints. In a similar manner, a waiver shall document an "as built" configuration that departs from baseline documentation and should include any proposed corrections or modifications to better meet the intent of the baseline document.

(f) Equitable Adjustments for Change Documentation Preparations - For its effort expended in preparing ECPs, NECPs, Deviations and Waivers, the Contractor shall receive equitable adjustment under the following circumstances:

(1) In the event the Contractor, on its own initiative, and without written request from the Contracting Officer, develops a change document that is later disapproved by the Government, the Contractor shall bear the cost of this effort.

(2) To avoid such loss, and at its option, the Contractor may submit a "preliminary" document that outlines intent, but without detailed supporting documentation and request the Contracting Officer's approval for expenditure of effort to complete the detailed supporting documentation. In the event the Contracting Officer denies this request, the Contractor will bear the cost of development of the "preliminary" document, and shall make no further effort to complete detailed supporting documentation.

(3) In the event the Contracting Officer approves the Contractor's request to develop supporting documentation, the Contractor shall be equitably compensated for its effort for both the "preliminary" and "final" documentation, regardless of whether or not the change document is later approved.

(4) In the event the Contracting Officer requests in writing that the Contractor develop change documentation, the effort expended by the Contractor in developing such documentation shall be subject to equitable adjustment, regardless of whether or not the change document is later approved.

(5) In the event the Contractor, on its own initiative, and without written request from the Government, develops a change document that is later approved by the Contracting Officer, the cost of developing such documentation shall be incorporated in the contract modification that implements the change.

(6) Failure to agree to such equitable adjustment in contract price shall constitute a dispute, and shall be adjudicated in accordance with the requirements of the clause entitled "DISPUTES" (FAR 52.233-1).

(g) Any cost reduction proposal submitted pursuant to the clause entitled "VALUE ENGINEERING" (FAR 52.248-1) shall be submitted as a Code V Engineering Change Proposal (VECP). DI-SESS-80639D approved 7 April 2015 and MIL-HDBK-61A of 7 Feb 2001 apply. Information required by the "VALUE ENGINEERING" clause shall also be submitted as part of the change request.

HQ C-2-0032 INFORMATION AND DATA FURNISHED BY THE GOVERNMENT - ALTERNATE II (NAVSEA) (SEP 2009)

(a) NAVSEA Form 4340/2 or Schedule C, as applicable, Government Furnished Information, attached hereto, incorporates by listing or specific reference, all the data or information which the Government has provided or will provide to the Contractor except for

(1) The specifications set forth in Section C, and

(2) Government specifications, including drawings and other Government technical documentation which are referenced directly or indirectly in the specifications set forth in Section C and which are applicable to this contract as specifications, and which are generally available and provided to Contractors or prospective Contractors upon proper request, such as Federal or Military Specifications, and Standard Drawings, etc.

(b) Except for the specifications referred to in subparagraphs (a)(1) and (2) above, the Government will not be obligated to provide to the Contractor any specification, drawing, technical documentation or other publication which is not listed or specifically referenced in NAVSEA Form 4340/2 or Schedule C, as applicable, notwithstanding anything to the contrary in the specifications, the publications listed or specifically referenced in NAVSEA Form 4340/2 or Schedule C, as applicable, the clause entitled "GOVERNMENT PROPERTY" (FAR 52.245-1) or "GOVERNMENT PROPERTY INSTALLATION OPERATION SERVICES" (FAR 52.245-2), as applicable, or

any other term or condition of this contract.

(c)(1) The Contracting Officer may at any time by written order:

(i) delete, supersede, or revise, in whole or in part, data listed or specifically referenced in NAVSEA Form 4340/2 or Schedule C, as applicable; or

(ii) add items of data or information to NAVSEA Form 4340/2 or Schedule C, as applicable; or

(iii) establish or revise due dates for items of data or information in NAVSEA Form 4340/2 or Schedule C, as applicable.

(2) If any action taken by the Contracting Officer pursuant to subparagraph (c)(1) immediately above causes an increase or decrease in the costs of, or the time required for, performance of any part of the work under this contract, the contractor may be entitled to an equitable adjustment in the contract amount and delivery schedule in accordance with the procedures provided for in the "CHANGES" clause of this contract.

(End of Text)

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HQ-C-2-0008 ASSIGNMENT AND USE OF NATIONAL STOCK NUMBERS (NAVSEA) (MAY 1993)

To the extent that National Stock Numbers (NSNs) or preliminary NSNs are assigned by the Government for the identification of parts, pieces, items, subassemblies or assemblies to be furnished under this contract, the Contractor shall use such NSNs or preliminary NSNs in the preparation of provisioning lists, package labels, packing lists, shipping containers and shipping documents as required by applicable specifications, standards or Data Item Descriptions of the contract or as required by orders for spare and repair parts. The cognizant Government Contract Administration Office shall be responsible for providing the Contractor such NSNs or preliminary NSNs which may be assigned and which are not already in possession of the Contractor.

HQ C-2-0009 ASSIGNMENT OF SERIAL NUMBER(S) (NAVSEA) (SEP 1990)

The Contractor shall request serial number assignment, in writing, from the Cognizant Technical Program Office, with a copy to the cognizant Contract Administration Office. The request for serial number assignment shall contain the following minimum information:

(a) Contract number;

(b) Assigned line item number and description;

(c) Assigned type designation;

(d) Assigned model number;

(e) Top drawing number and ID (List of Drawings) number;

(f) Exact quantity for which serial numbers are being requested, including preproduction samples required by the contract; and

(g) National Stock Number

(End of Text)

HQ-C-2-0051 SPECIFICATIONS AND STANDARDS (NAVSEA) (AUG 1994)

(a) Definitions.

(i) A "zero-tier reference" is a specification, standard, or drawing that is cited in the contract (including its attachments).

(ii) A "first-tier reference" is either: (1) a specification, standard, or drawing cited in a zero-tier reference, or (2) a specification cited in a first-tier drawing.

(b) Requirements.

All zero-tier and first-tier references, as defined above, are mandatory for use. All lower tier references shall be used for guidance only.

Section D - Packaging and Marking

CLAUSES INCORPORATED BY FULL TEXT

HQ D-1-0001 DATA PACKAGING LANGUAGE (NAVSEA)(APRIL 2015)

Data to be delivered by Integrated Digital Environment (IDE) or other electronic media shall be as specified in the contract.

All unclassified data to be shipped shall be prepared for shipment in accordance with best commercial practice.

Classified reports, data, and documentation shall be prepared for shipment in accordance with National Industrial Security Program Operating Manual (NISPOM), DOD 5220.22-M dated 28 February 2006.

(End of Text)

CLAUSES INCORPORATED BY FULL TEXT

HQ D-1-0007 WARRANTY NOTIFICATION FOR ITEM(S) 0001 & 0002 - ALTERNATE I (NAVSEA) (APR 2015)

The Contractor shall apply a permanent warranty notification stamping or marking on each warranted deliverable end item and its container in accordance with MIL-STD-129R dated 18 February 2014 and MIL-STD-130N(1) dated 16 November 2012. The notification shall be placed in close proximity to other required stamping or markings so as to be easily readable by personnel. The warranty notification shall read:

THIS ITEM WARRANTED UNDER CONTRACT N00164-16-D-JT09
TO CONFORM TO DESIGN, MANUFACTURING, AND PERFORMANCE
REQUIREMENTS AND BE FREE FROM DEFECTS IN MATERIAL AND
WORKMANSHIP FOR _____ FROM DATE OF ACCEPTANCE. IF ITEM IS
DEFECTIVE NOTIFY TBD AND PCO.

HQ D-2-0005 IDENTIFICATION MARKING OF PARTS – ALTERNATE I (NAVSEA) (APR 2015)

(a) Identification marking of individual parts within the systems, equipments, assemblies, subassemblies, components, groups, sets or kits, and of spare and repair parts shall be done in accordance with applicable specifications and drawings. To the extent identification marking of such parts is not specified in applicable specifications or drawings, such marking shall be accomplished in accordance with the following:

(1) Parts not manufactured to Government specifications shall be marked in accordance with generally accepted commercial practice.

(2) Parts manufactured to Government specifications shall be marked as follows:

(i) Electrical Parts - that is, all parts in electrical equipments and electrical parts when used in equipments which are not electrical in nature (e.g., electric controls and motors in a hydraulic system) - shall be identified and marked in accordance with MIL-STD-1285D(1) dated 10 November 2010, or, where MIL-STD-1285D(1) does not

cover such a part, in accordance with MIL-STD-130N(1) dated 16 November 2012. Requirements of MIL-STD-1686C dated 25 October 1995 for Electrostatic Discharge Control shall be addressed.

(ii) Electronic Parts - that is, all parts in electronic equipments and electronic parts when used in equipments which are not electronic in nature (e.g., electronic fuel controls in some engines) - shall be identified and marked in accordance with Requirement 67 of MIL-HDBK-454B dated 15 April 2007. Requirements of MIL-STD-1686C for Electrostatic Discharge Control shall be addressed.

(iii) Parts other than electrical or electronic parts (as described above) shall be identified and marked in accordance with MIL-STD-130N(1).

(b) In cases where parts are so small as not to permit identification marking as provided above, such parts shall be appropriately coded so as to permit ready identification.

HQ D-2-0007 MARKING AND PACKING LIST(S) - ALTERNATE I (NAVSEA) (APR 2015)

(a) Marking. Shipments, shipping containers and palletized unit loads shall be marked in accordance with MIL-STD-129R dated 18 February 2014.

(b) Packing List(s). A packing list (DD Form 250 Material Inspection and Receiving Report may be used) identifying the contents of each shipment, shipping container or palletized unit load shall be provided by the Contractor with each shipment in accordance with the above cited MIL-STD. When a contract line item identified under a single stock number includes an assortment of related items such as kit or set components, detached parts or accessories, installation hardware or material, the packing list(s) shall identify the assorted items.

Where DD Form 1348-1 or DD Form 1348-1A is applicable and an assortment of related items is included in the shipping container, a packing list identifying the contents shall be furnished.

(c) Master Packing List. In addition to the requirements in paragraph (b) above, a master packing list shall be prepared where more than one shipment, shipping container or palletized unit load comprise the contract line item being shipped. The master packing list shall be attached to the number one container and so identified.

(d) Part Identification. All items within the kit, set, installation hardware or material shall be suitably segregated and identified within the unit pack(s) or shipping container by part number and/or national stock number. Refer to the above cited MIL-STD for marking of assorted (related-unrelated) items.

CLAUSES INCORPORATED BY FULL TEXT

HQ D-2-0008 MARKING OF REPORTS (NAVSEA) (SEP 1990)

All reports delivered by the Contractor to the Government under this contract shall prominently show on the cover of the report:

- (1) name and business address of the Contractor
- (2) contract number
- (3) contract dollar amount
- (4) whether the contract was competitively or non-competitively awarded
- (5) sponsor:

(Name of Individual Sponsor)

(Name of Requiring Activity)

(City and State)

Section E - Inspection and Acceptance

INSPECTION / ACCEPTANCE

To be completed in each DO / TO.

CLAUSES INCORPORATED BY REFERENCE

52.246-2	Inspection Of Supplies--Fixed Price	AUG 1996
52.246-5	Inspection Of Services Cost-Reimbursement	APR 1984
52.246-8	Inspection Of Research And Development Cost Reimbursement	MAY 2001
52.246-16	Responsibility For Supplies	APR 1984
252.246-7000	Material Inspection And Receiving Report	MAR 2008

CLAUSES INCORPORATED BY FULL TEXT

52.246-15 CERTIFICATE OF CONFORMANCE (APR 1984)

(a) When authorized in writing by the cognizant Contract Administration Office (CAO), the Contractor shall ship with a Certificate of Conformance any supplies for which the contract would otherwise require inspection at source. In no case shall the Government's right to inspect supplies under the inspection provisions of this contract be prejudiced. Shipments of such supplies will not be made under this contract until use of the Certificate of Conformance has been authorized in writing by the CAO, or inspection and acceptance have occurred.

(b) The Contractor's signed certificate shall be attached to or included on the top copy of the inspection or receiving report distributed to the payment office or attached to the CAO copy when contract administration (Block 10 of the DD Form 250) is performed by the Defense Contract Administration Services. In addition, a copy of the signed certificate shall also be attached to or entered on copies of the inspection or receiving report accompanying the shipment.

(c) The Government has the right to reject defective supplies or services within a reasonable time after delivery by written notification to the Contractor. The Contractor shall in such event promptly replace, correct, or repair the rejected supplies or services at the Contractor's expense.

(d) The certificate shall read as follows:

"I certify that on _____ [insert date], the _____ [insert Contractor's name] furnished the supplies or services called for by Contract No. _____ via _____ [Carrier] on _____ [identify the bill of lading or shipping document] in accordance with all applicable requirements. I further certify that the supplies or services are of the quality specified and conform in all respects with the contract requirements, including specifications, drawings, preservation, packaging, packing, marking requirements, and physical item identification (part number), and are in the quantity shown on this or on the attached acceptance document."

Date of Execution: _____

Signature: _____

Title: _____

(End of clause)

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CNIN-E-0001 INSPECTION AND ACCEPTANCE - SPECIAL CONDITIONS (FEB 2013)

(a) Initial inspection of the supplies to be furnished hereunder shall be made by DCMA at the contractor's or subcontractor's plant located at Melbourne, FL. The cognizant inspector shall be notified when the material is available for inspection. The place designated for such actions may not be changed without authorization of the Contracting Officer. Final inspection and acceptance shall be made by Government reps at NSW Crane Division within 7 days after receipt.

(b) Initial inspection shall consist of quality assurance at point of manufacture and/or assembly and check/test prior to shipment. Final inspection and acceptance will be made by the Receiving Activity after installation/check out/testing of the supplies.

Pertains to ALL Manufactured Components.

NOTE to DCMA: Initial inspection will be required at Azure Technologies in Melbourne, FL. Because the contractor's facility in Melbourne, FL is not associated to a cage code, it is not listed under facility code in the SF 26 Rev. 5/2011 block 7 facility code.

DCMA will be required to develop the inspection criteria based on the contractor's manufacture process and procedures to ensure the manufacture is upholding the quality standards stated in the certificate of conformance which is required for each new SRA build (CLIN 0001) of the contract. DCMA may witness tests as DCMA requires in order to ensure quality is maintained.

CLAUSES INCORPORATED BY FULL TEXT

HQ E-1-0001 INSPECTION AND ACCEPTANCE LANGUAGE FOR DATA

Inspection and acceptance of all data shall be as specified on the attached Contract Data Requirements List(s), DD Form 1423.

HQ E-1-0002 INSPECTION AND ACCEPTANCE LANGUAGE FOR ENGINEERING SERVICES

Item(s) _____ - Acceptance shall be made by the cognizant ACO upon receipt of a copy of the authorization for services and the original certification of performance.

To be completed in each TO as required.

HQ E-1-0003 INSPECTION AND ACCEPTANCE LANGUAGE FOR F.O.B. DESTINATION DELIVERIES

Item(s) _____ - Inspection and acceptance shall be made at destination by a representative of the Government.

To be determined by each DO.

HQ E-1-0007 INSPECTION AND ACCEPTANCE LANGUAGE FOR LOE SERVICES

Item(s) _ - Inspection and acceptance shall be made by the Contracting Officer's Representative (COR) or a designated representative of the Government.

(End of Text)

HQ E-2-0017 USE OF CONTRACTOR'S INSPECTION EQUIPMENT
(NAVSEA) (MAY 1995)

Use of Contractor's Inspection Equipment: The contractor's gages, and measuring and testing devices shall be made available for use by the Government when required to determine conformance with contract requirements. If conditions warrant, the contractor's personnel shall be made available for operations of such devices and for verification of their accuracy and condition.

Section F - Deliveries or Performance

CLAUSES INCORPORATED BY REFERENCE

52.242-15 Alt I	Stop-Work Order (Aug 1989) - Alternate I	APR 1984
52.242-17	Government Delay Of Work	APR 1984
52.247-34	F.O.B. Destination	NOV 1991
52.247-48	F.O.B. Destination--Evidence Of Shipment	FEB 1999
52.247-55	F.O.B. Point For Delivery Of Government-Furnished Property	JUN 2003

CLAUSES INCORPORATED BY FULL TEXT

HQ F-2-0004 F.O.B. DESTINATION (NAVSEA) (APR 2015)

All supplies hereunder shall be delivered with all transportation charges prepaid, in accordance with the clause hereof entitled "F.O.B. DESTINATION" (FAR 52.247-34) in accordance with the delivery instructions specified herein.

The Contractor shall not ship directly to a military air or water port terminal without authorization by the cognizant Contract Administration Office.

Except when the Material Inspection and Receiving Report (MIRR) (DD 250) is used as an invoice, the Contractor shall enter unit prices on all MIRR copies. Contract line items shall be priced using actual prices, or if not available, estimated prices. When the price is estimated, an "E" shall be entered after the price.

All data to be furnished under this contract shall be delivered prepaid to destination(s) at the time(s) specified on the Contract Data Requirements List(s), DD Form 1423.

HQ F-1-0003 PERFORMANCE LANGUAGE FOR LOE SERVICES

The Contractor shall perform the work described in SECTION C, at the level of effort specified in SECTION B, as follows:

<u>ITEM(S)</u>	<u>FROM</u>	<u>TO</u>
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To be completed in each TO as required..

(End of Text)

Section G - Contract Administration Data

CLAUSES INCORPORATED BY REFERENCE

252.204-7006 Billing Instructions

OCT 2005

CLAUSES INCORPORATED BY FULL TEXT

252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

(a) Definitions. As used in this clause--

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall--

(1) Have a designated electronic business point of contact in the System for Award Management at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

TBD in each DO/TO

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

TBD in each DO/TO

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	HQ0338
Issue By DoDAAC	N00164
Admin DoDAAC	S2404A
Inspect By DoDAAC	
Ship To Code	_____
Ship From Code	_____
Mark For Code	_____
Service Approver (DoDAAC)	_____
Service Acceptor (DoDAAC)	_____
Accept at Other DoDAAC	_____
LPO DoDAAC	_____
DCAA Auditor DoDAAC	_____
Other DoDAAC(s)	_____

Note: Remaining to be completed in each DO/TO

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the “Send Additional Email Notifications” field of WAWF once a document is submitted in the system.
Cran_Acquisitn_WAWF@navy.mil

(Contracting Officer: Insert applicable email addresses or “Not applicable.”)

(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

TBD in each DO/TO

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

CNIN-G-0001

Invoicing Documentation for Cost Vouchers

(JULY 2015)

Supporting cost voucher documentation in Wide Area Workflow (WAWF) shall be provided in contractor specified format and shall include the following information. This level of detail is required at both the job order (JO) or task

order (TO) level and Technical Instruction (TI) level. The supporting data should clearly reflect the JO/TO and TI number for which it applies. For other than firm fixed price subcontracts, subcontractors are also required to provide the same level of supporting detail as the prime contractor. Supporting documentation may be encrypted before submission to the prime contractor for WAWF cost voucher submittal. Subcontractors may email encryption code information directly to the Contracting Officer (CO) and Contracting Officer Representative (COR) as required. Failure to comply may result in an unfavorable CPARS rating in the area of regulation compliance.

Cost Elements	
Direct Labor	Total direct labor costs billed for current billing period and cumulative. This includes subcontractor direct labor. If there are different labor pools, they should be included separately (e.g., on-site, off-site, prime, subK, etc).
Other Direct Costs	Total ODC costs billed for current billing period and cumulative
Indirect Costs	Total indirect costs billed for current billing period and cumulative. If there are different indirect pools, they should be included separately (e.g., Fringe, OH, G&A, etc.). The indirect pool percentage shall be included.
Fee	Total fee billed for current billing period and cumulative.
Invoice Subtotal	Sub-total costs billed for current billing period and cumulative.
Adjustments	Any adjustments to billed costs for current billing period and cumulative.
Invoice Total	Total costs billed for current billing period and cumulative.
Labor Detail (Prime and Subcontractor)	
Employee name	
Labor category	
Direct labor rate by employee	
Loaded labor rate by employee	
Current period hours (OT hours identified separately)	
Current period direct labor costs	
Cumulative hours (OT hours identified separately)	
Cumulative direct labor costs	
Non-Labor Detail – detail provided for current billing period only	
Travel	Destination, dates, traveler name, total trip costs (includes subK travel)
Material*	Detailed description of item and total item costs (includes subK material)
ODCs*	Covers items that are not material or travel (e.g., training, conference costs, etc). Detailed description of item and total item costs (includes subK ODC)
*Copies of invoices and/or receipts for Material/ODC purchases shall be included.	
CLIN/SLIN Detail – Information should be a cumulative total invoiced against each CLIN/SLIN	
CLIN/SLIN	SLIN being billed
ACRN	ACRN being billed
TO/TI	TO and/or TI number
Amount Funded	Amount funded on each SLIN
Current	Amount billed in current billing period
Cumulative	Cumulative amount billed against SLIN
Balance	Remaining balance on SLIN

- (i) For the sole purpose of computing an interest penalty that might be due the Contractor, Government acceptance is deemed to occur constructively on the **TBD** day after the Contractor delivers the supplies or performs the services in accordance with the terms and conditions of the contract, unless there is a disagreement over quantity, quality, or Contractor compliance with a contract provision. If actual acceptance occurs within the constructive acceptance period, the Government will base the determination of an interest penalty on the actual date of acceptance. The constructive acceptance requirement does not, however, compel Government officials to accept supplies or services, perform contract administration functions, or make payment prior to fulfilling their responsibilities.

As defined in each DO/TO as required.

CNIN-G-0014 PAYMENT STATUS INQUIRIES (FEB 2016)

The status of invoice payments can be obtained through MOCAS myInvoice at: <https://myinvoice.csd.disa.mil/> myInvoice is a web-based application developed specifically for contractors/vendors and Government/Military employees to obtain invoice status and payment data. It is an interactive web-based system, accessible 24 hours a day/7 days a week.

Follow the website instructions and download [“Getting Started with myInvoice”](#) to assist in the registration process.

If you require additional assistance with accessing myInvoice, effective 17 Jun 2013, contact the Columbus Accounting System Helpdesk (CASH) at CCO-CASH@DFAS.MIL or Toll Free at (855) 211-6308.

The status of invoice payments may also be obtained by contacting the DFAS Paying Office designated on the contract cover page. DFAS Paying Office Vendor Pay Customer Service offices are listed below:

HQ0338	DFAS Columbus South	1-800-756-4571 - option 1
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HQ G-2-0009 SUPPLEMENTAL INSTRUCTIONS REGARDING INVOICING (NAVSEA) (APR 2015)

(a) For other than firm fixed priced contract line item numbers (CLINs), the Contractor agrees to segregate costs incurred under this contract/task order (TO), as applicable, at the lowest level of performance, either at the technical instruction (TI), sub line item number (SLIN), or contract line item number (CLIN) level, rather than on a total contract/TO basis, and to submit invoices reflecting costs incurred at that level. Supporting documentation in Wide Area Workflow (WAWF) for invoices shall include summaries of work charged during the period covered as well as overall cumulative summaries by individual labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of other direct costs (ODCs), materials, and travel, by TI, SLIN, or CLIN level. For other than firm fixed price subcontractors, subcontractors are also required to provide labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of ODCs, materials, and travel invoiced. Supporting documentation may be encrypted before submission to the prime contractor for WAWF invoice submittal. Subcontractors may email encryption code information directly to the Contracting Officer (CO) and Contracting Officer Representative (COR). Should the subcontractor lack encryption capability, the subcontractor may also email detailed supporting cost information directly to the CO and COR; or other method as agreed to by the CO.

(b) Contractors submitting payment requests and receiving reports to WAWF using either Electronic Data Interchange (EDI) or Secure File Transfer Protocol (SFTP) shall separately send an email notification to the COR

and CO on the same date they submit the invoice in WAWF. No payments shall be due if the contractor does not provide the COR and CO email notification as required herein.

HQ-G-2-0002 CONTRACT ADMINISTRATION DATA LANGUAGE

Enter below the address (street and number, city, county, state and zip code) of the Contractor's facility which will administer the contract if such address is different from the address shown on the SF26 or SF33 as applicable.

Section H - Special Contract Requirements

CLAUSES INCORPORATED BY FULL TEXT

5252.216-9122 LEVEL OF EFFORT (DEC 2000)

(a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be TBD total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.

(b) Of the total man-hours of direct labor set forth above, it is estimated that TBD (Offeror to fill-in) man-hours are uncompensated effort.

Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. All other effort is defined as compensated effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.

(c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations (except as provided in paragraph (j) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately TBD hours per week. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.

(e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man-hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

(f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man-hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.

(g) If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the period of this contract, the Contracting Officer, at its sole discretion, shall either (i) reduce the fee of this contract as follows:

$$\text{Fee Reduction} = \text{Fee} \frac{(\text{Required LOE} - \text{Expended LOE})}{\text{Required LOE}}$$

or (ii) subject to the provisions of the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable, require the Contractor to continue to perform the work until the total number of man-hours of direct labor specified in paragraph (a) above shall have been expended, at no increase in the fee of this contract.

(h) The Contractor shall provide and maintain an accounting system, acceptable to the Administrative Contracting Officer and the Defense Contract Audit Agency (DCAA), which collects costs incurred and effort (compensated and uncompensated, if any) provided in fulfillment of the level of effort obligations of this contract. The Contractor shall indicate on each invoice the total level of effort claimed during the period covered by the invoice, separately identifying compensated effort and uncompensated effort, if any.

(i) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man-hours of direct labor expended during the applicable period; (2) a breakdown of this total showing the number of man-hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Within 45 days after completion of the work under the contract, the Contractor shall submit, in addition, in the case of a cost underrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds and, in the case of an underrun in hours specified as the total level of effort; and (6) a calculation of the appropriate fee reduction in accordance with this clause. All submissions shall include subcontractor information.

(j) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to 10% of the hours at an alternative worksite, provided the Contractor has a company-approved alternative worksite plan. The primary worksite is the traditional "main office" worksite. An alternative worksite means an employee's residence or a telecommuting center. A telecommuting center is a geographically convenient office setting as an alternative to an employee's main office. The Government reserves the right to review the Contractor's alternative worksite plan. In the event performance becomes unacceptable, the Contractor will be prohibited from counting the hours performed at the alternative worksite in fulfilling the total level of effort obligations of the contract. Regardless of work location, all contract terms and conditions, including security requirements and labor laws, remain in effect. The Government shall not incur any additional cost nor provide additional equipment for contract performance as a result of the Contractor's election to implement an alternative worksite plan.

(k) Notwithstanding any of the provisions in the above paragraphs, the Contractor may furnish man-hours up to five percent in excess of the total man-hours specified in paragraph (a) above, provided that the additional effort is furnished within the term hereof, and provided further that no increase in the estimated cost or fee is required.

TBD = as required

5252.227-9113 GOVERNMENT-INDUSTRY DATA EXCHANGE PROGRAM (APR 2015)

(a) The Contractor shall participate in the appropriate interchange of the Government-Industry Data Exchange Program (GIDEP) in accordance with GIDEP PUBLICATION 1 dated April 2008. Data entered is retained by the program and provided to qualified participants. Compliance with this requirement shall not relieve the Contractor from complying with any other requirement of the contract.

(b) The Contractor agrees to insert paragraph (a) of this requirement in any subcontract hereunder exceeding \$500,000.00. When so inserted, the word "Contractor" shall be changed to "Subcontractor".

(c) GIDEP materials, software and information are available without charge from:

GIDEP Operations Center
P.O. Box 8000
Corona, CA 92878-8000

Phone: (951) 898-3207
FAX: (951) 898-3250
Internet: <http://www.gidep.org>

5252.239-9605 TECHNOLOGY IMPROVEMENTS (OCT 1991)

(a) After contract award, the Government may solicit, and the Contractor is encouraged to propose independently, technology improvements to the equipment, software specifications, or other requirements of the contract. These improvements may be proposed to save money, to improve performance, to save energy or for any other purpose which presents a technological advantage to the Government. As part of the proposed changes, the Contractor shall submit a price proposal to the Contracting Officer for evaluation. Those proposed technology improvements that are acceptable to the Government will be processed as modifications to the contract.

(b) As a minimum, the following information shall be submitted by the Contractor with each proposal:

- (1) A description of the difference between the existing contract requirement and the proposed change, and the comparative advantages and disadvantages of each;
- (2) Itemized requirements of the contract that must be changed if the proposal is adopted, and the proposed revision to the contract for each such change;
- (3) An estimate of the changes in performance and cost, if any, that will result from adoption of the proposal;
- (4) An evaluation of the effects the proposed changes would have on collateral costs to the Government, such as Government-furnished property costs, costs of related items, and costs of maintenance, operation and conversion (including Government application software); and
- (5) A statement of the time by which the contract modification adopting the proposal must be issued so as to obtain the maximum benefits of the changes during the remainder of this contract including supporting rationale; and
- (6) Any effect on the contract completion time or delivery schedule shall be identified.
- (7) The Government reserves the right to require a rerun of selected portions of the live test demonstration to verify the proposed improvement, at no additional charge to the Government.

(c) The Government will not be liable for proposal preparation costs or any delay in acting upon any proposal submitted pursuant to this clause. The Contractor has the right to withdraw, in whole or in part, any proposal not accepted by the Government within the period specified in the proposal. The decision of the Contracting Officer as to the acceptance of any such proposal under this contract is final and not subject to the "Disputes" clause of this contract.

(d) The Contracting Officer may accept any proposal submitted pursuant to this clause by giving the Contractor written notice thereof. This written notice will be given by issuance of a modification to this contract. Unless and until a modification is executed to incorporate a proposal under this contract, the Contractor shall remain obligated to perform in accordance with the requirements, terms and conditions of the existing contract.

(e) If a proposal submitted pursuant to this clause is accepted and applied to this contract, the increase or decrease in the contract price shall be under paragraph (c) "Changes" of the FAR 52.212.4 "Contract Terms and Conditions--Commercial Items" clause in this contract. The resulting contract modification will state that it is made pursuant to this clause.

5252.245-9108 GOVERNMENT-FURNISHED PROPERTY (PERFORMANCE) (APR 2015)

The Government will provide only that property identified in an attachment to Section J notwithstanding any term or condition of this contract to the contrary. Upon Contractor's written request to the cognizant Technical Program Manager, via the cognizant Contract Administration Office, the Government will furnish the identified government property for use in the performance of this contract.

To be completed as required.

5252.245-9109 GOVERNMENT-FURNISHED PROPERTY (INCORPORATION) (APR 2015)

The Government will provide only that property identified in an attachment to Section J, notwithstanding any term or condition of this contract to the contrary. Upon Contractor's written request to the cognizant Technical Program Manager, via the cognizant Contract Administration Office, the Government will furnish the identified government property for incorporation in the equipment to be delivered under Item(s) _____ of this contract.

To be completed as required.

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	NOV 2013
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	MAY 2014
52.203-6	Restrictions On Subcontractor Sales To The Government	SEP 2006
52.203-7	Anti-Kickback Procedures	MAY 2014
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	MAY 2014
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	MAY 2014
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	OCT 2010
52.203-13	Contractor Code of Business Ethics and Conduct	OCT 2015
52.203-17	Contractor Employee Whistleblower Rights and Requirement To Inform Employees of Whistleblower Rights	APR 2014
52.204-4	Printed or Copied Double-Sided on Postconsumer Fiber Content Paper	MAY 2011
52.204-9	Personal Identity Verification of Contractor Personnel	JAN 2011
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	OCT 2016
52.204-12	Unique Entity Identifier Maintenance	OCT 2016
52.204-13	System for Award Management Maintenance	OCT 2016
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	OCT 2015
52.209-10	Prohibition on Contracting With Inverted Domestic Corporations	NOV 2015
52.210-1	Market Research	APR 2011
52.211-5	Material Requirements	AUG 2000
52.211-15	Defense Priority And Allocation Requirements	APR 2008
52.215-2	Audit and Records--Negotiation	OCT 2010
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-10	Price Reduction for Defective Certified Cost or Pricing Data	AUG 2011
52.215-11	Price Reduction for Defective Certified Cost or Pricing Data--Modifications	AUG 2011
52.215-12	Subcontractor Certified Cost or Pricing Data	OCT 2010
52.215-13	Subcontractor Certified Cost or Pricing Data--Modifications	OCT 2010
52.215-14	Integrity of Unit Prices	OCT 2010
52.215-15	Pension Adjustments and Asset Reversions	OCT 2010
52.215-17	Waiver of Facilities Capital Cost of Money	OCT 1997
52.215-18	Reversion or Adjustment of Plans for Postretirement Benefits (PRB) Other than Pensions	JUL 2005
52.215-23	Limitations on Pass-Through Charges	OCT 2009
52.216-7	Allowable Cost And Payment	JUN 2013
52.216-8	Fixed Fee	JUN 2011
52.216-11	Cost Contract--No Fee	APR 1984
52.219-8	Utilization of Small Business Concerns	NOV 2016
52.219-28	Post-Award Small Business Program Rerepresentation	JUL 2013
52.222-2	Payment For Overtime Premiums	JUL 1990
52.222-19	Child Labor -- Cooperation with Authorities and Remedies	OCT 2016
52.222-20	Contracts for Materials, Supplies, Articles, and Equipment Exceeding \$15,000	MAY 2014

52.222-21	Prohibition Of Segregated Facilities	APR 2015
52.222-26	Equal Opportunity	SEP 2016
52.222-35	Equal Opportunity for Veterans	OCT 2015
52.222-36	Equal Opportunity for Workers with Disabilities	JUL 2014
52.222-37	Employment Reports on Veterans	FEB 2016
52.222-50	Combating Trafficking in Persons	MAR 2015
52.222-60	Paycheck Transparency (Executive Order 13673)	OCT 2016
52.223-6	Drug-Free Workplace	MAY 2001
52.223-18	Encouraging Contractor Policies To Ban Text Messaging While Driving	AUG 2011
52.225-13	Restrictions on Certain Foreign Purchases	JUN 2008
52.227-1	Authorization and Consent	DEC 2007
52.227-11	Patent Rights--Ownership By The Contractor	MAY 2014
52.227-20	Rights in Data - SBIR Program	MAY 2014
52.228-7	Insurance--Liability To Third Persons	MAR 1996
52.229-4	Federal, State, And Local Taxes (State and Local Adjustments)	FEB 2013
52.232-1	Payments	APR 1984
52.232-8	Discounts For Prompt Payment	FEB 2002
52.232-11	Extras	APR 1984
52.232-17	Interest	MAY 2014
52.232-20	Limitation Of Cost	APR 1984
52.232-22	Limitation Of Funds	APR 1984
52.232-23	Assignment Of Claims	MAY 2014
52.232-25	Prompt Payment	JUL 2013
52.232-39	Unenforceability of Unauthorized Obligations	JUN 2013
52.232-40	Providing Accelerated Payments to Small Business Subcontractors	DEC 2013
52.233-1	Disputes	MAY 2014
52.233-3	Protest After Award	AUG 1996
52.233-3 Alt I	Protest After Award (Aug 1996) - Alternate I	JUN 1985
52.233-4	Applicable Law for Breach of Contract Claim	OCT 2004
52.242-1	Notice of Intent to Disallow Costs	APR 1984
52.242-3	Penalties for Unallowable Costs	MAY 2014
52.242-4	Certification of Final Indirect Costs	JAN 1997
52.242-13	Bankruptcy	JUL 1995
52.243-1 Alt II	Changes--Fixed-Price (Aug 1987) - Alternate II	APR 1984
52.243-2 Alt II	Changes--Cost Reimbursement (Aug 1987) - Alternate II	APR 1984
52.244-2	Subcontracts	OCT 2010
52.244-6	Subcontracts for Commercial Items	NOV 2016
52.245-1	Government Property	APR 2012
52.245-9	Use And Charges	APR 2012
52.246-24 Alt I	Limitation Of Liability--High Value Items (Feb 1997) - Alternate I	APR 1984
52.246-25	Limitation Of Liability--Services	FEB 1997
52.248-1	Value Engineering	OCT 2010
52.249-2	Termination For Convenience Of The Government (Fixed-Price)	APR 2012
52.249-6	Termination (Cost Reimbursement)	MAY 2004
52.249-8	Default (Fixed-Price Supply & Service)	APR 1984
52.249-14	Excusable Delays	APR 1984
252.203-7000	Requirements Relating to Compensation of Former DoD Officials	SEP 2011
252.203-7001	Prohibition On Persons Convicted of Fraud or Other Defense-Contract-Related Felonies	DEC 2008

252.203-7002	Requirement to Inform Employees of Whistleblower Rights	SEP 2013
252.203-7003	Agency Office of the Inspector General	DEC 2012
252.204-7002	Payment For Subline Items Not Separately Priced	DEC 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004 Alt A	System for Award Management Alternate A	FEB 2014
252.204-7008	Compliance With Safeguarding Covered Defense Information Controls	OCT 2016
252.204-7009	Limitations on the Use or Disclosure of Third-Party Contractor Reported Cyber Incident Information	OCT 2016
252.204-7013	Limitations on the Use or Disclosure of Information by Litigation Support Offerors	MAY 2016
252.204-7014	Limitations on the Use or Disclosure of Information by Litigation Support Contractors	MAY 2016
252.204-7015	Notice of Authorized Disclosure of Information for Litigation Support	MAY 2016
252.205-7000	Provision Of Information To Cooperative Agreement Holders	DEC 1991
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Country that is a State Sponsor of Terrorism	OCT 2015
252.209-7010	Critical Safety Items	AUG 2011
252.211-7000	Acquisition Streamlining	OCT 2010
252.211-7005	Substitutions for Military or Federal Specifications and Standards	NOV 2005
252.211-7007	Reporting of Government-Furnished Property	AUG 2012
252.215-7000	Pricing Adjustments	DEC 2012
252.215-7002	Cost Estimating System Requirements	DEC 2012
252.223-7004	Drug Free Work Force	SEP 1988
252.223-7008	Prohibition of Hexavalent Chromium	JUN 2013
252.225-7001	Buy American And Balance Of Payments Program-- Basic (Aug 2016)	AUG 2016
252.225-7002	Qualifying Country Sources As Subcontractors	AUG 2016
252.225-7004	Report of Intended Performance Outside the United States and Canada--Submission after Award	OCT 2015
252.225-7012	Preference For Certain Domestic Commodities	AUG 2016
252.225-7048	Export-Controlled Items	JUN 2013
252.226-7001	Utilization of Indian Organizations and Indian-Owned Economic Enterprises, and Native Hawaiian Small Business Concerns	SEP 2004
252.227-7018	Rights in Noncommercial Technical Data and Computer Software--Small Business Innovation Research (SBIR) Program	FEB 2014
252.227-7027	Deferred Ordering Of Technical Data Or Computer Software	APR 1988
252.227-7039	Patents--Reporting Of Subject Inventions	APR 1990
252.232-7010	Levies on Contract Payments	DEC 2006
252.243-7001	Pricing Of Contract Modifications	DEC 1991
252.243-7002	Requests for Equitable Adjustment	DEC 2012
252.244-7000	Subcontracts for Commercial Items	JUN 2013
252.244-7001	Contractor Purchasing System Administration	MAY 2014
252.245-7001	Tagging, Labeling, and Marking of Government-Furnished Property	APR 2012
252.245-7002	Reporting Loss of Government Property	APR 2012
252.245-7003	Contractor Property Management System Administration	APR 2012
252.245-7004	Reporting, Reutilization, and Disposal	SEP 2016
252.246-7003	Notification of Potential Safety Issues	JUN 2013
252.246-7008	Sources of Electronic Parts	OCT 2016

252.247-7023 Transportation of Supplies by Sea

APR 2014

CLAUSES INCORPORATED BY FULL TEXT

52.204-19 INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS (DEC 2014)

The Contractor's representations and certifications, including those completed electronically via the System for Award Management (SAM), are incorporated by reference into the contract.

(End of clause)

52.209-9 UPDATES OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS (JULY 2013)

(a) The Contractor shall update the information in the Federal Awardee Performance and Integrity Information System (FAPIS) on a semi-annual basis, throughout the life of the contract, by posting the required information in the System for Award Management database via <https://www.acquisition.gov>.

(b) As required by section 3010 of the Supplemental Appropriations Act, 2010 (Pub. L. 111-212), all information posted in FAPIS on or after April 15, 2011, except past performance reviews, will be publicly available. FAPIS consists of two segments--

(1) The non-public segment, into which Government officials and the Contractor post information, which can only be viewed by--

(i) Government personnel and authorized users performing business on behalf of the Government; or

(ii) The Contractor, when viewing data on itself; and

(2) The publicly-available segment, to which all data in the non-public segment of FAPIS is automatically transferred after a waiting period of 14 calendar days, except for--

(i) Past performance reviews required by subpart 42.15;

(ii) Information that was entered prior to April 15, 2011; or

(iii) Information that is withdrawn during the 14-calendar-day waiting period by the Government official who posted it in accordance with paragraph (c)(1) of this clause.

(c) The Contractor will receive notification when the Government posts new information to the Contractor's record.

(1) If the Contractor asserts in writing within 7 calendar days, to the Government official who posted the information, that some of the information posted to the non-public segment of FAPIS is covered by a disclosure exemption under the Freedom of Information Act, the Government official who posted the information must within 7 calendar days remove the posting from FAPIS and resolve the issue in accordance with agency Freedom of Information procedures, prior to reposting the releasable information. The contractor must cite 52.209-9 and request removal within 7 calendar days of the posting to FAPIS.

(2) The Contractor will also have an opportunity to post comments regarding information that has been posted by the Government. The comments will be retained as long as the associated information is retained, i.e., for a total period of 6 years. Contractor comments will remain a part of the record unless the Contractor revises them.

(3) As required by section 3010 of Pub. L. 111-212, all information posted in FAPIIS on or after April 15, 2011, except past performance reviews, will be publicly available.

(d) Public requests for system information posted prior to April 15, 2011, will be handled under Freedom of Information Act procedures, including, where appropriate, procedures promulgated under E.O. 12600.

(End of clause)

52.215-21 REQUIREMENTS FOR CERTIFIED COST OR PRICING DATA AND DATA OTHER THAN CERTIFIED COST OR PRICING DATA -- MODIFICATIONS (OCT 2010)--ALTERNATE III (OCT 1997)

(a) Exceptions from cost or pricing data. (1) In lieu of submitting cost or pricing data for modifications under this contract, for price adjustments expected to exceed the threshold set forth at FAR 15.403-4 on the date of the agreement on price or the date of the award, whichever is later, the Contractor may submit a written request for exception by submitting the information described in the following subparagraphs. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable--

(i) Identification of the law or regulation establishing the price offered. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(ii) Information on modifications of contracts or subcontracts for commercial items. (A) If--

(1) The original contract or subcontract was granted an exception from cost or pricing data requirements because the price agreed upon was based on adequate price competition or prices set by law or regulation, or was a contract or subcontract for the acquisition of a commercial item; and

(2) The modification (to the contract or subcontract) is not exempted based on one of these exceptions, then the Contractor may provide information to establish that the modification would not change the contract or subcontract from a contract or subcontract for the acquisition of a commercial item to a contract or subcontract for the acquisition of an item other than a commercial item.

(B) For a commercial item exception, the Contractor shall provide, at a minimum, information on prices at which the same item or similar items have previously been sold that is adequate for evaluating the reasonableness of the price of the modification. Such information may include--

(1) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price, including how the proposed price relates to the price of recent sales in quantities similar to the proposed quantities.

(2) For market-priced items, the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. In addition, describe the nature of the market.

(3) For items included on an active Federal Supply Service Multiple Award Schedule contract, proof that an

exception has been granted for the schedule item.

(2) The Contractor grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this clause, and the reasonableness of price. For items priced using catalog or market prices, or law or regulation, access does not extend to cost or profit information or other data relevant solely to the Contractor's determination of the prices to be offered in the catalog or marketplace.

(b) Requirements for cost or pricing data. If the Contractor is not granted an exception from the requirement to submit cost or pricing data, the following applies:

(1) The Contractor shall submit cost or pricing data and supporting attachments in accordance with Table 15-2 of FAR 15.408.

(c) Submit the cost portion of the proposal via the following electronic media: Unprotected Excel spreadsheet with formulas. For production in addition to providing detailed cost data, provide the proposed firm-fixed price in the price matrices in Section B. For repairs, provide detailed cost data for firm-fixed prices for a five-year period of performance. Submit in an unprotected Excel spreadsheet to include all formulas.

As soon as practicable after agreement on price, but before award (except for unpriced actions), the Contractor shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.406-2.

(End of clause)

52.216-19 ORDER LIMITATIONS. (OCT 1995)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than (b)(4)

(b) Maximum order. The Contractor is not obligated to honor:

(1) Any order for a single item in excess of (b)(4);

(2) Any order for a combination of items in excess of (b)(4); or

(3) A series of orders from the same ordering office within 30 days that together call for quantities exceeding the limitation in subparagraph (1) or (2) above.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 30 days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of clause)

52.216-22 INDEFINITE QUANTITY. (OCT 1995)

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum". The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum".

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after **Five years after contract award**.

(End of clause)

52.232-32 PERFORMANCE-BASED PAYMENTS (APR 2012)

(a) Amount of payments and limitations on payments. Subject to such other limitations and conditions as are specified in this contract and this clause, the amount of payments and limitations on payments shall be specified in the contract's description of the basis for payment.

(b) Contractor request for performance-based payment. The Contractor may submit requests for payment of performance-based payments not more frequently than monthly, in a form and manner acceptable to the Contracting Officer. Unless otherwise authorized by the Contracting Officer, all performance-based payments in any period for which payment is being requested shall be included in a single request, appropriately itemized and totaled. The Contractor's request shall contain the information and certification detailed in paragraphs (l) and (m) of this clause.

(c) Approval and payment of requests.

(1) The Contractor shall not be entitled to payment of a request for performance-based payment prior to successful accomplishment of the event or performance criterion for which payment is requested. The Contracting Officer shall determine whether the event or performance criterion for which payment is requested has been successfully accomplished in accordance with the terms of the contract. The Contracting Officer may, at any time, require the Contractor to substantiate the successful performance of any event or performance criterion which has been or is represented as being payable.

(2) A payment under this performance-based payment clause is a contract financing payment under the Prompt Payment clause of this contract and not subject to the interest penalty provisions of the Prompt Payment Act. The designated payment office will pay approved requests on the ----- **(to be completed in each DO as required)** day after receipt of the request for performance-based payment by the designated payment office. However, the designated payment office is not required to provide payment if the Contracting Officer requires substantiation as provided in paragraph (c)(1) of this clause, or inquiries into the status of an event or performance criterion, or into any of the conditions listed in paragraph (e) of this clause, or into the Contractor certification. The payment period will not begin until the Contracting Officer approves the request.

(3) The approval by the Contracting Officer of a request for performance-based payment does not constitute an

acceptance by the Government and does not excuse the Contractor from performance of obligations under this contract.

(d) Liquidation of performance-based payments.

(1) Performance-based finance amounts paid prior to payment for delivery of an item shall be liquidated by deducting a percentage or a designated dollar amount from the delivery payment. If the performance-based finance payments are on a delivery item basis, the liquidation amount for each such line item shall be the percent of that delivery item price that was previously paid under performance-based finance payments or the designated dollar amount. If the performance-based finance payments are on a whole contract basis, liquidation shall be by either predesignated liquidation amounts or a liquidation percentage.

(2) If at any time the amount of payments under this contract exceeds any limitation in this contract, the Contractor shall repay to the Government the excess. Unless otherwise determined by the Contracting Officer, such excess shall be credited as a reduction in the unliquidated performance-based payment balance(s), after adjustment of invoice payments and balances for any retroactive price adjustments.

(e) Reduction or suspension of performance-based payments. The Contracting Officer may reduce or suspend performance-based payments, liquidate performance-based payments by deduction from any payment under the contract, or take a combination of these actions after finding upon substantial evidence any of the following conditions:

(1) The Contractor failed to comply with any material requirement of this contract (which includes paragraphs (h) and (i) of this clause).

(2) Performance of this contract is endangered by the Contractor's --

(i) Failure to make progress; or

(ii) Unsatisfactory financial condition.

(3) The Contractor is delinquent in payment of any subcontractor or supplier under this contract in the ordinary course of business.

(f) Title.

(1) Title to the property described in this paragraph (f) shall vest in the Government. Vestiture shall be immediately upon the date of the first performance-based payment under this contract, for property acquired or produced before that date. Otherwise, vestiture shall occur when the property is or should have been allocable or properly chargeable to this contract

(2) "Property," as used in this clause, includes all of the following described items acquired or produced by the Contractor that are or should be allocable or properly chargeable to this contract under sound and generally accepted accounting principles and practices:

(i) Parts, materials, inventories, and work in process;

(ii) Special tooling and special test equipment to which the Government is to acquire title;

(iii) Nondurable (i.e., noncapital) tools, jigs, dies, fixtures, molds, patterns, taps, gauges, test equipment and other similar manufacturing aids, title to which would not be obtained as special tooling under subparagraph (f)(2)(ii) of this clause; and

(iv) Drawings and technical data, to the extent the Contractor or subcontractors are required to deliver them to the Government by other clauses of this contract.

(3) Although title to property is in the Government under this clause, other applicable clauses of this contract (e.g., the termination or clauses) shall determine the handling and disposition of the property.

(4) The Contractor may sell any scrap resulting from production under this contract, without requesting the Contracting Officer's approval, provided that any significant reduction in the value of the property to which the Government has title under this clause is reported in writing to the Contracting Officer.

(5) In order to acquire for its own use or dispose of property to which title is vested in the Government under this clause, the Contractor shall obtain the Contracting Officer's advance approval of the action and the terms. If approved, the basis for payment (the events or performance criteria) to which the property is related shall be deemed to be not in compliance with the terms of the contract and not payable (if the property is part of or needed for performance), and the Contractor shall refund the related performance-based payments in accordance with paragraph (d) of this clause.

(6) When the Contractor completes all of the obligations under this contract, including liquidation of all performance-based payments, title shall vest in the Contractor for all property (or the proceeds thereof) not --

(i) Delivered to, and accepted by, the Government under this contract; or

(ii) Incorporated in supplies delivered to, and accepted by, the Government under this contract and to which title is vested in the Government under this clause.

(7) The terms of this contract concerning liability for Government-furnished property shall not apply to property to which the Government acquired title solely under this clause.

(g) Risk of loss. Before delivery to and acceptance by the Government, the Contractor shall bear the risk of loss for property, the title to which vests in the Government under this clause, except to the extent the Government expressly assumes the risk. If any property is lost (see 45.101), the basis of payment (the events or performance criteria) to which the property is related shall be deemed to be not in compliance with the terms of the contract and not payable (if the property is part of or needed for performance), and the Contractor shall refund the related performance-based payments in accordance with paragraph (d) of this clause.

(h) Records and controls. The Contractor shall maintain records and controls adequate for administration of this clause. The Contractor shall have no entitlement to performance-based payments during any time the Contractor's records or controls are determined by the Contracting Officer to be inadequate for administration of this clause.

(i) Reports and Government access. The Contractor shall promptly furnish reports, certificates, financial statements, and other pertinent information requested by the Contracting Officer for the administration of this clause and to determine that an event or other criterion prompting a financing payment has been successfully accomplished. The Contractor shall give the Government reasonable opportunity to examine and verify the Contractor's records and to examine and verify the Contractor's performance of this contract for administration of this clause.

(j) Special terms regarding default. If this contract is terminated under the Default clause,

(1) the Contractor shall, on demand, repay to the Government the amount of unliquidated performance-based payments, and

(2) title shall vest in the Contractor, on full liquidation of all performance-based payments, for all property for which the Government elects not to require delivery under the Default clause of this contract. The Government shall be liable for no payment except as provided by the Default clause.

(k) Reservation of rights.

(1) No payment or vesting of title under this clause shall --

- (i) Excuse the Contractor from performance of obligations under this contract; or
- (ii) Constitute a waiver of any of the rights or remedies of the parties under the contract.

(2) The Government's rights and remedies under this clause --

(i) Shall not be exclusive, but rather shall be in addition to any other rights and remedies provided by law or this contract; and

(ii) Shall not be affected by delayed, partial, or omitted exercise of any right, remedy, power, or privilege, nor shall such exercise or any single exercise preclude or impair any further exercise under this clause or the exercise of any other right, power, or privilege of the Government.

(l) Content of Contractor's request for performance-based payment. The Contractor's request for performance-based payment shall contain the following:

- (1) The name and address of the Contractor;
- (2) The date of the request for performance-based payment;
- (3) The contract number and/or other identifier of the contract or order under which the request is made;
- (4) Such information and documentation as is required by the contract's description of the basis for payment; and
- (5) A certification by a Contractor official authorized to bind the Contractor, as specified in paragraph (m) of this clause.

(m) Content of Contractor's certification. As required in paragraph (l)(5) of this clause, the Contractor shall make the following certification in each request for performance-based payment:

I certify to the best of my knowledge and belief that --

- (1) This request for performance-based payment is true and correct; this request (and attachments) has been prepared from the books and records of the Contractor, in accordance with the contract and the instructions of the Contracting Officer;
- (2) (Except as reported in writing on _____), all payments to subcontractors and suppliers under this contract have been paid, or will be paid, currently, when due in the ordinary course of business;
- (3) There are no encumbrances (except as reported in writing on _____) against the property acquired or produced for, and allocated or properly chargeable to, the contract which would affect or impair the Government's title;
- (4) There has been no materially adverse change in the financial condition of the Contractor since the submission by the Contractor to the Government of the most recent written information dated _____; and
- (5) After the making of this requested performance-based payment, the amount of all payments for each deliverable item for which performance-based payments have been requested will not exceed any limitation in the contract, and the amount of all payments under the contract will not exceed any limitation in the contract.

(End of Clause)

52.232-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER—SYSTEM FOR AWARD MANAGEMENT (JULY 2013)

(a) Method of payment. (1) All payments by the Government under this contract shall be made by electronic funds transfer (EFT), except as provided in paragraph (a)(2) of this clause. As used in this clause, the term “EFT” refers to the funds transfer and may also include the payment information transfer.

(2) In the event the Government is unable to release one or more payments by EFT, the Contractor agrees to either--

(i) Accept payment by check or some other mutually agreeable method of payment; or

(ii) Request the Government to extend the payment due date until such time as the Government can make payment by EFT (but see paragraph (d) of this clause).

(b) Contractor's EFT information. The Government shall make payment to the Contractor using the EFT information contained in the System for Award Management (SAM) database. In the event that the EFT information changes, the Contractor shall be responsible for providing the updated information to the SAM database.

(c) Mechanisms for EFT payment. The Government may make payment by EFT through either the Automated Clearing House (ACH) network, subject to the rules of the National Automated Clearing House Association, or the Fedwire Transfer System. The rules governing Federal payments through the ACH are contained in 31 CFR part 210.

(d) Suspension of payment. If the Contractor's EFT information in the SAM database is incorrect, then the Government need not make payment to the Contractor under this contract until correct EFT information is entered into the SAM database; and any invoice or contract financing request shall be deemed not to be a proper invoice for the purpose of prompt payment under this contract. The prompt payment terms of the contract regarding notice of an improper invoice and delays in accrual of interest penalties apply.

(e) Liability for uncompleted or erroneous transfers. (1) If an uncompleted or erroneous transfer occurs because the Government used the Contractor's EFT information incorrectly, the Government remains responsible for--

(i) Making a correct payment;

(ii) Paying any prompt payment penalty due; and

(iii) Recovering any erroneously directed funds.

(2) If an uncompleted or erroneous transfer occurs because the Contractor's EFT information was incorrect, or was revised within 30 days of Government release of the EFT payment transaction instruction to the Federal Reserve System, and--

(i) If the funds are no longer under the control of the payment office, the Government is deemed to have made payment and the Contractor is responsible for recovery of any erroneously directed funds; or

(ii) If the funds remain under the control of the payment office, the Government shall not make payment, and the provisions of paragraph (d) of this clause shall apply.

(f) EFT and prompt payment. A payment shall be deemed to have been made in a timely manner in accordance with the prompt payment terms of this contract if, in the EFT payment transaction instruction released to the Federal Reserve System, the date specified for settlement of the payment is on or before the prompt payment due date, provided the specified payment date is a valid date under the rules of the Federal Reserve System.

(g) EFT and assignment of claims. If the Contractor assigns the proceeds of this contract as provided for in the assignment of claims terms of this contract, the Contractor shall require as a condition of any such assignment, that the assignee shall register separately in the SAM database and shall be paid by EFT in accordance with the terms of this clause. Notwithstanding any other requirement of this contract, payment to an ultimate recipient other than the Contractor, or a financial institution properly recognized under an assignment of claims pursuant to subpart 32.8, is not permitted. In all respects, the requirements of this clause shall apply to the assignee as if it were the Contractor. EFT information that shows the ultimate recipient of the transfer to be other than the Contractor, in the absence of a proper assignment of claims acceptable to the Government, is incorrect EFT information within the meaning of paragraph (d) of this clause.

(h) Liability for change of EFT information by financial agent. The Government is not liable for errors resulting from changes to EFT information made by the Contractor's financial agent.

(i) Payment information. The payment or disbursing office shall forward to the Contractor available payment information that is suitable for transmission as of the date of release of the EFT instruction to the Federal Reserve System. The Government may request the Contractor to designate a desired format and method(s) for delivery of payment information from a list of formats and methods the payment office is capable of executing. However, the Government does not guarantee that any particular format or method of delivery is available at any particular payment office and retains the latitude to use the format and delivery method most convenient to the Government. If the Government makes payment by check in accordance with paragraph (a) of this clause, the Government shall mail the payment information to the remittance address contained in the SAM database.

(End of Clause)

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

farsite.hill.af.mil/

(End of clause)

252.204-7003 CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT (APR 1992)

The Contractor's procedures for protecting against unauthorized disclosure of information shall not require Department of Defense employees or members of the Armed Forces to relinquish control of their work products, whether classified or not, to the contractor.

(End of clause)

252.204-7012 SAFEGUARDING COVERED DEFENSE INFORMATION AND CYBER INCIDENT REPORTING (OCT 2016)

(a) Definitions. As used in this clause--

Adequate security means protective measures that are commensurate with the consequences and probability of loss, misuse, or unauthorized access to, or modification of information.

Compromise means disclosure of information to unauthorized persons, or a violation of the security policy of a system, in which unauthorized intentional or unintentional disclosure, modification, destruction, or loss of an object, or the copying of information to unauthorized media may have occurred.

Contractor attributional/proprietary information means information that identifies the contractor(s), whether directly or indirectly, by the grouping of information that can be traced back to the contractor(s) (e.g., program description, facility locations), personally identifiable information, as well as trade secrets, commercial or financial information, or other commercially sensitive information that is not customarily shared outside of the company.

Controlled technical information means technical information with military or space application that is subject to controls on the access, use, reproduction, modification, performance, display, release, disclosure, or dissemination. Controlled technical information would meet the criteria, if disseminated, for distribution statements B through F using the criteria set forth in DoD Instruction 5230.24, Distribution Statements on Technical Documents. The term does not include information that is lawfully publicly available without restrictions.

Covered contractor information system means an unclassified information system that is owned, or operated by or for, a contractor and that processes, stores, or transmits covered defense information.

Covered defense information means unclassified controlled technical information or other information, as described in the Controlled Unclassified Information (CUI) Registry at <http://www.archives.gov/cui/registry/category-list.html>, that requires safeguarding or dissemination controls pursuant to and consistent with law, regulations, and Governmentwide policies, and is--

- (1) Marked or otherwise identified in the contract, task order, or delivery order and provided to the contractor by or on behalf of DoD in support of the performance of the contract; or
- (2) Collected, developed, received, transmitted, used, or stored by or on behalf of the contractor in support of the performance of the contract.

Cyber incident means actions taken through the use of computer networks that result in a compromise or an actual or potentially adverse effect on an information system and/or the information residing therein.

Forensic analysis means the practice of gathering, retaining, and analyzing computer-related data for investigative purposes in a manner that maintains the integrity of the data.

Information system means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information.

Malicious software means computer software or firmware intended to perform an unauthorized process that will have adverse impact on the confidentiality, integrity, or availability of an information system. This definition includes a virus, worm, Trojan horse, or other code-based entity that infects a host, as well as spyware and some forms of adware.

Media means physical devices or writing surfaces including, but is not limited to, magnetic tapes, optical disks, magnetic disks, large-scale integration memory chips, and printouts onto which covered defense information is recorded, stored, or printed within a covered contractor information system.

Operationally critical support means supplies or services designated by the Government as critical for airlift, sealift, intermodal transportation services, or logistical support that is essential to the mobilization, deployment, or sustainment of the Armed Forces in a contingency operation.

Rapidly report means within 72 hours of discovery of any cyber incident.

Technical information means technical data or computer software, as those terms are defined in the clause at DFARS 252.227-7013, Rights in Technical Data--Noncommercial Items, regardless of whether or not the clause is incorporated in this solicitation or contract. Examples of technical information include research and engineering data, engineering drawings, and associated lists, specifications, standards, process sheets, manuals, technical reports, technical orders, catalog-item identifications, data sets, studies and analyses and related information, and computer software executable code and source code.

(b) Adequate security. The Contractor shall provide adequate security on all covered contractor information systems. To provide adequate security, the Contractor shall implement, at a minimum, the following information security protections:

(1) For covered contractor information systems that are part of an information technology (IT) service or system operated on behalf of the Government, the following security requirements apply:

(i) Cloud computing services shall be subject to the security requirements specified in the clause 252.239-7010, Cloud Computing Services, of this contract.

(ii) Any other such IT service or system (i.e., other than cloud computing) shall be subject to the security requirements specified elsewhere in this contract.

(2) For covered contractor information systems that are not part of an IT service or system operated on behalf of the Government and therefore are not subject to the security requirement specified at paragraph (b)(1) of this clause, the following security requirements apply:

(i) Except as provided in paragraph (b)(2)(ii) of this clause, the covered contractor information system shall be subject to the security requirements in National Institute of Standards and Technology (NIST) Special Publication (SP) 800-171, "Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations" (available via the internet at <http://dx.doi.org/10.6028/NIST.SP.800-171>) in effect at the time the solicitation is issued or as authorized by the Contracting Officer.

(ii)(A) The Contractor shall implement NIST SP 800-171, as soon as practical, but not later than December 31, 2017. For all contracts awarded prior to October 1, 2017, the Contractor shall notify the DoD Chief Information Officer (CIO), via email at osd.dibcsia@mail.mil, within 30 days of contract award, of any security requirements specified by NIST SP 800-171 not implemented at the time of contract award.

(B) The Contractor shall submit requests to vary from NIST SP 800-171 in writing to the Contracting Officer, for consideration by the DoD CIO. The Contractor need not implement any security requirement adjudicated by an authorized representative of the DoD CIO to be nonapplicable or to have an alternative, but equally effective, security measure that may be implemented in its place.

(C) If the DoD CIO has previously adjudicated the contractor's requests indicating that a requirement is not applicable or that an alternative security measure is equally effective, a copy of that approval shall be provided to the Contracting Officer when requesting its recognition under this contract.

(D) If the Contractor intends to use an external cloud service provider to store, process, or transmit any covered defense information in performance of this contract, the Contractor shall require and ensure that the cloud service provider meets security requirements equivalent to those established by the Government for the Federal Risk and Authorization Management Program (FedRAMP) Moderate baseline (<https://www.fedramp.gov/resources/documents/>) and that the cloud service provider complies with requirements in paragraphs (c) through (g) of this clause for cyber incident reporting, malicious software, media preservation and protection, access to additional information and equipment necessary for forensic analysis, and cyber incident damage assessment.

(3) Apply other information systems security measures when the Contractor reasonably determines that information systems security measures, in addition to those identified in paragraphs (b)(1) and (2)

of this clause, may be required to provide adequate security in a dynamic environment or to accommodate special circumstances (e.g., medical devices) and any individual, isolated, or temporary deficiencies based on an assessed risk or vulnerability. These measures may be addressed in a system security plan.

(c) Cyber incident reporting requirement.

(1) When the Contractor discovers a cyber incident that affects a covered contractor information system or the covered defense information residing therein, or that affects the contractor's ability to perform the requirements of the contract that are designated as operationally critical support and identified in the contract, the Contractor shall--

(i) Conduct a review for evidence of compromise of covered defense information, including, but not limited to, identifying compromised computers, servers, specific data, and user accounts. This review shall also include analyzing covered contractor information system(s) that were part of the cyber incident, as well as other information systems on the Contractor's network(s), that may have been accessed as a result of the incident in order to identify compromised covered defense information, or that affect the Contractor's ability to provide operationally critical support; and

(ii) Rapidly report cyber incidents to DoD at <http://dibnet.dod.mil>.

(2) Cyber incident report. The cyber incident report shall be treated as information created by or for DoD and shall include, at a minimum, the required elements at <http://dibnet.dod.mil>.

(3) Medium assurance certificate requirement. In order to report cyber incidents in accordance with this clause, the Contractor or subcontractor shall have or acquire a DoD-approved medium assurance certificate to report cyber incidents. For information on obtaining a DoD-approved medium assurance certificate, see <http://iase.disa.mil/pki/eca/Pages/index.aspx>.

(d) Malicious software. When the Contractor or subcontractors discover and isolate malicious software in connection with a reported cyber incident, submit the malicious software to DoD Cyber Crime Center (DC3) in accordance with instructions provided by DC3 or the Contracting Officer. Do not send the malicious software to the Contracting Officer.

(e) Media preservation and protection. When a Contractor discovers a cyber incident has occurred, the Contractor shall preserve and protect images of all known affected information systems identified in paragraph (c)(1)(i) of this clause and all relevant monitoring/packet capture data for at least 90 days from the submission of the cyber incident report to allow DoD to request the media or decline interest.

(f) Access to additional information or equipment necessary for forensic analysis. Upon request by DoD, the Contractor shall provide DoD with access to additional information or equipment that is necessary to conduct a forensic analysis.

(g) Cyber incident damage assessment activities. If DoD elects to conduct a damage assessment, the Contracting Officer will request that the Contractor provide all of the damage assessment information gathered in accordance with paragraph (e) of this clause.

(h) DoD safeguarding and use of contractor attributional/proprietary information. The Government shall protect against the unauthorized use or release of information obtained from the contractor (or derived from information obtained from the contractor) under this clause that includes contractor attributional/proprietary information, including such information submitted in accordance with paragraph (c). To the maximum extent practicable, the Contractor shall identify and mark attributional/proprietary information. In making an authorized release of such information, the Government will implement appropriate procedures to minimize the contractor attributional/proprietary information that is included in such authorized release, seeking to include only that information that is necessary for the authorized purpose(s) for which the information is being released.

(i) Use and release of contractor attributional/proprietary information not created by or for DoD. Information that is obtained from the contractor (or derived from information obtained from the contractor) under this clause that is not created by or for DoD is authorized to be released outside of DoD--

(1) To entities with missions that may be affected by such information;

(2) To entities that may be called upon to assist in the diagnosis, detection, or mitigation of cyber incidents;

(3) To Government entities that conduct counterintelligence or law enforcement investigations;

(4) For national security purposes, including cyber situational awareness and defense purposes (including with Defense Industrial Base (DIB) participants in the program at 32 CFR part 236); or

(5) To a support services contractor ("recipient") that is directly supporting Government activities under a contract that includes the clause at 252.204-7009, Limitations on the Use or Disclosure of Third-Party Contractor Reported Cyber Incident Information.

(j) Use and release of contractor attributional/proprietary information created by or for DoD. Information that is obtained from the contractor (or derived from information obtained from the contractor) under this clause that is created by or for DoD (including the information submitted pursuant to paragraph (c) of this clause) is authorized to be used and released outside of DoD for purposes and activities authorized by paragraph (i) of this clause, and for any other lawful Government purpose or activity, subject to all applicable statutory, regulatory, and policy based restrictions on the Government's use and release of such information.

(k) The Contractor shall conduct activities under this clause in accordance with applicable laws and regulations on the interception, monitoring, access, use, and disclosure of electronic communications and data.

(l) Other safeguarding or reporting requirements. The safeguarding and cyber incident reporting required by this clause in no way abrogates the Contractor's responsibility for other safeguarding or cyber incident reporting pertaining to its unclassified information systems as required by other applicable clauses of this contract, or as a result of other applicable U.S. Government statutory or regulatory requirements.

(m) Subcontracts. The Contractor shall--

(1) Include this clause, including this paragraph (m), in subcontracts, or similar contractual instruments, for operationally critical support, or for which subcontract performance will involve covered defense information, including subcontracts for commercial items, without alteration, except to identify the parties. The Contractor shall determine if the information required for subcontractor performance retains its identity as covered defense information and will require protection under this clause, and, if necessary, consult with the Contracting Officer; and

(2) Require subcontractors to--

(i) Notify the prime Contractor (or next higher-tier subcontractor) when submitting a request to vary from a NIST SP 800-171 security requirement to the Contracting Officer, in accordance with paragraph (b)(2)(ii)(B) of this clause; and

(ii) Provide the incident report number, automatically assigned by DoD, to the prime Contractor (or next higher-tier subcontractor) as soon as practicable, when reporting a cyber incident to DoD as required in paragraph (c) of this clause.

(End of clause)

252.211-7003 ITEM UNIQUE IDENTIFICATION AND VALUATION (MAR 2016)

(a) Definitions. As used in this clause-

Automatic identification device means a device, such as a reader or interrogator, used to retrieve data encoded on machine-readable media.

Concatenated unique item identifier means--

(1) For items that are serialized within the enterprise identifier, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, and unique serial number within the enterprise identifier; or

(2) For items that are serialized within the original part, lot, or batch number, the linking together of the unique identifier data elements in order of the issuing agency code; enterprise identifier; original part, lot, or batch number; and serial number within the original part, lot, or batch number.

Data Matrix means a two-dimensional matrix symbology, which is made up of square or, in some cases, round modules arranged within a perimeter finder pattern and uses the Error Checking and Correction 200 (ECC200) specification found within International Standards Organization (ISO)/International Electrotechnical Commission (IEC) 16022.

Data qualifier means a specified character (or string of characters) that immediately precedes a data field that defines the general category or intended use of the data that follows.

DoD recognized unique identification equivalent means a unique identification method that is in commercial use and has been recognized by DoD. All DoD recognized unique identification equivalents are listed at http://www.acq.osd.mil/dpap/pdi/uid/iuid_equivalents.html.

DoD item unique identification means a system of marking items delivered to DoD with unique item identifiers that have machine-readable data elements to distinguish an item from all other like and unlike items. For items that are serialized within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier and a unique serial number. For items that are serialized within the part, lot, or batch number within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier; the original part, lot, or batch number; and the serial number.

Enterprise means the entity (e.g., a manufacturer or vendor) responsible for assigning unique item identifiers to items.

Enterprise identifier means a code that is uniquely assigned to an enterprise by an issuing agency.

Government's unit acquisition cost means--

(1) For fixed-price type line, subline, or exhibit line items, the unit price identified in the contract at the time of delivery;

(2) For cost-type or undefinitized line, subline, or exhibit line items, the Contractor's estimated fully burdened unit cost to the Government at the time of delivery; and

(3) For items produced under a time-and-materials contract, the Contractor's estimated fully burdened unit cost to the Government at the time of delivery.

Issuing agency means an organization responsible for assigning a globally unique identifier to an enterprise, as indicated in the Register of Issuing Agency Codes for ISO/IEC 15459, located at http://www.aimglobal.org/?Reg_Authority15459.

Issuing agency code means a code that designates the registration (or controlling) authority for the enterprise identifier.

Item means a single hardware article or a single unit formed by a grouping of subassemblies, components, or constituent parts.

Lot or batch number means an identifying number assigned by the enterprise to a designated group of items, usually referred to as either a lot or a batch, all of which were manufactured under identical conditions.

Machine-readable means an automatic identification technology media, such as bar codes, contact memory buttons, radio frequency identification, or optical memory cards.

Original part number means a combination of numbers or letters assigned by the enterprise at item creation to a class of items with the same form, fit, function, and interface.

Parent item means the item assembly, intermediate component, or subassembly that has an embedded item with a unique item identifier or DoD recognized unique identification equivalent.

Serial number within the enterprise identifier means a combination of numbers, letters, or symbols assigned by the enterprise to an item that provides for the differentiation of that item from any other like and unlike item and is never used again within the enterprise.

Serial number within the part, lot, or batch number means a combination of numbers or letters assigned by the enterprise to an item that provides for the differentiation of that item from any other like item within a part, lot, or batch number assignment.

Serialization within the enterprise identifier means each item produced is assigned a serial number that is unique among all the tangible items produced by the enterprise and is never used again. The enterprise is responsible for ensuring unique serialization within the enterprise identifier.

Serialization within the part, lot, or batch number means each item of a particular part, lot, or batch number is assigned a unique serial number within that part, lot, or batch number assignment. The enterprise is responsible for ensuring unique serialization within the part, lot, or batch number within the enterprise identifier.

Type designation means a combination of letters and numerals assigned by the Government to a major end item, assembly or subassembly, as appropriate, to provide a convenient means of differentiating between items having the same basic name and to indicate modifications and changes thereto.

Unique item identifier means a set of data elements marked on items that is globally unique and unambiguous. The term includes a concatenated unique item identifier or a DoD recognized unique identification equivalent.

Unique item identifier type means a designator to indicate which method of uniquely identifying a part has been used. The current list of accepted unique item identifier types is maintained at http://www.acq.osd.mil/dpap/pdi/uid/uii_types.html.

(b) The Contractor shall deliver all items under a contract line, subline, or exhibit line item.

(c) Unique item identifier. (1) The Contractor shall provide a unique item identifier for the following:

(i) Delivered items for which the Government's unit acquisition cost is \$5,000 or more, except for the following line items:

Contract line, subline, or exhibit line item No.	Item description
.....	

(ii) Items for which the Government's unit acquisition cost is less than \$5,000 that are identified in the Schedule or the following table:

Contract line, subline, or exhibit line item No.	Item description
.....	

(If items are identified in the Schedule, insert "See Schedule" in this table.)

(iii) Subassemblies, components, and parts embedded within delivered items, items with warranty requirements, DoD serially managed reparables and DoD serially managed nonreparables as specified in Attachment Number ----.

(iv) Any item of special tooling or special test equipment as defined in FAR 2.101 that have been designated for preservation and storage for a Major Defense Acquisition Program as specified in Attachment Number ----.

(v) Any item not included in paragraphs (c)(1)(i), (ii), (iii), or

(iv) of this clause for which the contractor creates and marks a unique item identifier for traceability.

(2) The unique item identifier assignment and its component data element combination shall not be duplicated on any other item marked or registered in the DoD Item Unique Identification Registry by the contractor.

(3) The unique item identifier component data elements shall be marked on an item using two dimensional data matrix symbology that complies with ISO/IEC International Standard 16022, Information technology--International symbology specification--Data matrix; ECC200 data matrix specification.

(4) Data syntax and semantics of unique item identifiers. The Contractor shall ensure that--

(i) The data elements (except issuing agency code) of the unique item identifier are encoded within the data matrix symbol that is marked on the item using one of the following three types of data qualifiers, as determined by the Contractor:

(A) Application Identifiers (AIs) (Format Indicator 05 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(B) Data Identifiers (DIs) (Format Indicator 06 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(C) Text Element Identifiers (TEIs) (Format Indicator 12 of ISO/IEC International Standard 15434), in accordance with the Air Transport Association Common Support Data Dictionary; and

(ii) The encoded data elements of the unique item identifier conform to the transfer structure, syntax, and coding of messages and data formats specified for Format Indicators 05, 06, and 12 in ISO/IEC International Standard 15434, Information Technology-Transfer Syntax for High Capacity Automatic Data Capture Media.

(5) Unique item identifier.

(i) The Contractor shall--

(A) Determine whether to--

(1) Serialize within the enterprise identifier;

(2) Serialize within the part, lot, or batch number; or

(3) Use a DoD recognized unique identification equivalent (e.g. Vehicle Identification Number); and

(B) Place the data elements of the unique item identifier (enterprise identifier; serial number; DoD recognized unique identification equivalent; and for serialization within the part, lot, or batch number only: Original part, lot, or batch number) on items requiring marking by paragraph (c)(1) of this clause, based on the criteria provided in MIL-STD-130, Identification Marking of U.S. Military Property, latest version;

(C) Label shipments, storage containers and packages that contain uniquely identified items in accordance with the requirements of MIL-STD-129, Military Marking for Shipment and Storage, latest version; and

(D) Verify that the marks on items and labels on shipments, storage containers, and packages are machine readable and conform to the applicable standards. The contractor shall use an automatic identification technology device for this verification that has been programmed to the requirements of Appendix A, MIL-STD-130, latest version.

(ii) The issuing agency code--

(A) Shall not be placed on the item; and

(B) Shall be derived from the data qualifier for the enterprise identifier.

(d) For each item that requires item unique identification under paragraph (c)(1)(i), (ii), or (iv) of this clause or when item unique identification is provided under paragraph (c)(1)(v), in addition to the information provided as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the Contractor shall report at the time of delivery, as part of the Material Inspection and Receiving Report, the following information:

(1) Unique item identifier.

(2) Unique item identifier type.

(3) Issuing agency code (if concatenated unique item identifier is used).

(4) Enterprise identifier (if concatenated unique item identifier is used).

(5) Original part number (if there is serialization within the original part number).

(6) Lot or batch number (if there is serialization within the lot or batch number).

(7) Current part number (optional and only if not the same as the original part number).

- (8) Current part number effective date (optional and only if current part number is used).
 - (9) Serial number (if concatenated unique item identifier is used).
 - (10) Government's unit acquisition cost.
 - (11) Unit of measure.
 - (12) Type designation of the item as specified in the contract schedule, if any.
 - (13) Whether the item is an item of Special Tooling or Special Test Equipment.
 - (14) Whether the item is covered by a warranty.
- (e) For embedded subassemblies, components, and parts that require DoD unique item identification under paragraph (c)(1)(iii) of this clause, the Contractor shall report as part of, or associated with, the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

- (1) Unique item identifier of the parent item under paragraph (c)(1) of this clause that contains the embedded subassembly, component, or part.
- (2) Unique item identifier of the embedded subassembly, component, or part.
- (3) Unique item identifier type.**
- (4) Issuing agency code (if concatenated unique item identifier is used).**
- (5) Enterprise identifier (if concatenated unique item identifier is used).**
- (6) Original part number (if there is serialization within the original part number).**
- (7) Lot or batch number (if there is serialization within the lot or batch number).**
- (8) Current part number (optional and only if not the same as the original part number).**
- (9) Current part number effective date (optional and only if current part number is used).**
- (10) Serial number (if concatenated unique item identifier is used).**
- (11) Description.

** Once per item.

- (f) The Contractor shall submit the information required by paragraphs (d) and (e) of this clause as follows:

(1) End items shall be reported using the receiving report capability in Wide Area WorkFlow (WAWF) in accordance with the clause at 252.232-7003. If WAWF is not required by this contract, and the contractor is not using WAWF, follow the procedures at <http://dodprocurementtoolbox.com/site/uidregistry/>.

- (2) Embedded items shall be reported by one of the following methods--

- (i) Use of the embedded items capability in WAWF;
- (ii) Direct data submission to the IUID Registry following the procedures and formats at <http://dodprocurementtoolbox.com/site/uidregistry/>; or

(iii) Via WAWF as a deliverable attachment for exhibit line item number (fill in) ----, Unique Item Identifier Report for Embedded Items, Contract Data Requirements List, DD Form 1423.

(g) Subcontracts. If the Contractor acquires by subcontract any items for which item unique identification is required in accordance with paragraph (c)(1) of this clause, the Contractor shall include this clause, including this paragraph (g), in the applicable subcontract(s), including subcontracts for commercial items.

(End of clause)

252.216-7006 ORDERING (MAY 2011)

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the contract schedule. Such orders may be issued from effective date of contract award through five-years after effective date of contract award.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c)(1) If issued electronically, the order is considered ``issued" when a copy has been posted to the Electronic Document Access system, and notice has been sent to the Contractor.

(2) If mailed or transmitted by facsimile, a delivery order or task order is considered ``issued" when the Government deposits the order in the mail or transmits by facsimile. Mailing includes transmittal by U.S. mail or private delivery services.

(3) Orders may be issued orally only if authorized in the schedule.

(End of Clause)

252.232-7013 PERFORMANCE-BASED PAYMENTS--DELIVERABLE-ITEM BASIS (APR 2014)

(a) Performance-based payments shall form the basis for the contract financing payments provided under this contract and shall apply to Contract Line Items Number(s) (CLIN(s) Contract CLIN 0001. The performance-based payments schedule (Contract Attachment) N/A - Performance based payment schedules will be incorporated into Section G of applicable delivery orders.) describes the basis for payment, to include identification of the individual payment events, CLINs to which each event applies, evidence of completion, and amount of payment due upon completion of each event.

(b)(i) At no time shall cumulative performance-based payments exceed cumulative contract cost incurred under CLINs. As defined in each delivery order.. To ensure compliance with this requirement, the Contractor shall, in addition to providing the information required by FAR 52.232-32, submit supporting information for all payment requests using the following format:

Current performance-based payment(s) event(s) addressed by this request:
--

Contractor shall identify—	Amount	Totals
(1a) Negotiated value of all previously completed performance-based payment(s) event(s);	_____	
(1b) Negotiated value of the current performance-based payment(s) event(s);	_____	
(1c) Cumulative negotiated value of performance-based payment(s) event(s) completed to date (1a) + (1b);		_____
(2) Total costs incurred to date;		_____
(3) Enter the amount from (1c) or (2), whichever is less;	_____	
(4) Cumulative amount of payments previously requested; and	_____	
(5) Payment amount requested for the current performance-based payment(s) event(s) (3) - (4).		_____

(ii) The Contractor shall not submit payment requests more frequently than monthly.

(iii) Incurred cost is determined by the Contractor's accounting books and records, which the contractor shall provide access to upon request of the Contracting Officer for the administration of this clause.

(End of clause)

Section J - List of Documents, Exhibits and Other Attachments

CLAUSES INCORPORATED BY FULL TEXT

HQ J-2-0002 STANDARD LANGUAGE FOR CONTRACTS

<u>Description</u>	<u>Date</u>	<u>Number of Pages</u>
Exhibits		
Exhibit A		
CDRL A001 – Contractor’s Progress Status and Management Report	9/30/16	1
CDRL A002 – Government Furnished Equipment – Repair Status Report	9/30/16	1
CDRL A003 – Test/Inspection Report	9/30/16	1
CDRL A004 – Trip/Travel Report	9/30/16	1
CDRL A005 – Technical Report – Study/Services	9/30/16	1
CDRL A006 – Training Materials	9/30/16	1
CDRL A007 – Conference Agenda	9/30/16	1
CDRL A008 – Conference Minutes	9/30/16	1
CDRL A009 - Data Accession List	9/30/16	1
Attachments		
(1) A16-014 Warranty Terms - Negotiated	N/A	2